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A2PP2012-024

May 24, 2012

Mr. Bruce Boyer, CPM
(09-AFC-2C)
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

SUBJECT: TID A2PP (09-AFC-2C) COM-6 SUBMITTAL OF MONTHLY COMPLIANCE REPORT #14 FOR THE APRIL 2012 REPORTING PERIOD

Dear Mr. Boyer:

Pursuant to Condition of Certification COM-6, please find attached the hard copy original and one electronic copy of Monthly Compliance Report (MCR) #14 for the Turlock Irrigation District Almond 2 Power Plant. This MCR covers the period from April 1 through April 30, 2012.

Included in this report and as required by the Conditions of Certification are the following documents and/or information:

- Project Summary Schedule (COM-6)
- Key Events List (COM-6)
- Air Quality Construction Mitigation Manager's Report (AQ-SC3 and AQ-SC5)
- Biological Resources Monitoring Report (BIO-2)
- WEAP Acknowledgement Forms (BIO-5, CUL-8, and PAL-4)
- Paleontological Resources Monitoring Report (PAL-5)
- Cultural Resources Specialist Summary Report (CUL-9)
- Summary of erosion, sedimentation, and control measures and monitoring and maintenance activities (Soil & Water-2)
- Construction Safety Supervisor and CBO Safety Monitors' monthly reports (Worker Safety-3)
- Updated Master Drawing List/Master Specification List (GEN-2)
- CBO's approval of any special inspectors (GEN-6)
- CBO's approval of STRUC-1 drawings (STRUC-1)

- Transmission system engineering Master Drawing List/Master Specification List (TSE-1)
- Transmission system engineering update (TSE-4)
- Compliance Matrix (COM-6)

Should you have any questions regarding this submittal, please do not hesitate to contact me at 530-757-7038. Thank you.

Sincerely,

Susan Strachan
Strachan Consulting, LLC

Attachment

cc: TID w/attachment (2 copies)

TURLOCK IRRIGATION DISTRICT
ALMOND 2 POWER PLANT PROJECT
(09-AFC-2C)

Monthly Compliance Report #14
April 2012 Reporting Period

Submitted By:

Turlock Irrigation District
Water & Power
Serving Central California since 1887

With Assistance From:

STRACHAN CONSULTING LLC

Table of Contents

Monthly Compliance Report #14

1.0 Introduction

On December 15, 2010, the California Energy Commission approved the Turlock Irrigation District's (TID) Almond 2 Power Plant. A letter from the CEC approving the commencement of construction for the plant and linears was received on February 25, 2011. This Monthly Compliance Report (MCR) was prepared pursuant to Condition of Certification COM-6 and contains the information specified in the condition. This MCR covers project compliance activities, which occurred during the month of April 2012.

2.0 Current Project Status

This section provides a summary of the engineering, procurement, and construction activities during the month of April 2012. TID contracted with CH2MHill to provide the engineering for the project. CH2MHill and TID procured the equipment. Power Engineering designed the A2PP transmission generation tie line, which was built by TID. Performance Mechanical, Inc. (PMI) was the General Contractor. IEC is assisting TID in commissioning the A2PP. Lastly, PG&E designed and constructed the natural gas pipeline, which will reinforce PG&E's existing gas transmission system, serving the greater Modesto area, as well as the A2PP. PG&E will own and operate the pipeline and reinforcement segment.

Construction of the project transmission line was completed in November 2011. PG&E completed construction of the natural gas pipeline and reinforcement segment in December 2011.

The table below provides the percent complete for project engineering, procurement, and construction of the A2PP site.

Project Percent Completion
April 30, 2012

ACTIVITY	% COMPLETE
Engineering	100%
Procurement	100%
Construction	99.3%

A Project Summary Schedule is included in **Exhibit 1**. The Key Events list is included in **Exhibit 2**. Mechanical completion of the A2PP was achieved on March 20, 2012. The project is now in commissioning. However, completion of construction punch list items is continuing. Commercial operation is estimated to occur in July 2012 when the project will be able to reach reliable steady-state production of electricity at the rated capacity.

2.1. Engineering and Procurement

CH2MHill began engineering and procurement activities for the A2PP in January 2009. Engineering and procurement are 100 percent complete.

2.2 Commissioning/Construction Punchlist

Below is a list of A2PP site activities that occurred during the month of April:

- Continued installing road base material
- Completed relay and breaker testing.
- Completed GE package flushing
- Continued review and tracking of turn over packages
- Continued insulation installation
- Completed finish painting
- Continued GE loop checks
- Completed motor rotation checks on Units 2, 3, and 4
- Continued balance of plant loop checks
- Introduced fuel gas to site
- Completed CO2 fire protection system dump test
- Completed commissioning of CEMS units
- Completed first fire of Unit 4
- Completed syncing Unit 4 to the grid

Exhibit 3 contains photos of the A2PP site taken during the month of April.

3.0 Project Compliance Activities

Pursuant to Condition of Certification COM-6, this section includes a description of the Conditions of Certification, which have reporting requirements to be addressed in the Monthly Compliance Report. The specific documents required by the Conditions are attached as exhibits.

AQ-SC3 and AQ-SC5: Sam Comstock is the designated Air Quality Construction Mitigation Manager for the A2PP. The Air Quality Mitigation Monthly Report prepared by Mr. Comstock pursuant to Conditions AQ-SC3 and AQ-SC5 is included in **Exhibit 4**. Specifically, this report consists of the following:

- Mr. Comstock's daily log;
- Summary of fugitive dust control measures conducted during the reporting period to maintain compliance with Condition AQ-SC3 (Construction Fugitive Dust

Control). The information consists of the completed dust control forms required by the San Joaquin Valley Air Pollution Control District (SJVAPCD);
- Ultra-low sulfur diesel fuel purchase ledger and receipt (AQ-SC5); and
- Information on the off-road construction equipment brought on site during the reporting period (highlighted in yellow in the equipment ledger) which includes 1) an equipment ledger; 2) equipment mitigation determinations; 3) engine data summary; and 4) engine certification information for each engine (AQ-SC5).

Below is a summary of the compliance activities associated with the specific provisions of Conditions AQ-SC3 and AQ-SC5:

AQ-SC3

- All unpaved roads and disturbed areas of the project are watered as frequently as necessary to comply with the dust mitigation objectives of AQ-SC4. Included in the AQCMM's monthly report is a summary of the amount of water applied during the reporting period.
- 15 mile per hour signs are posted at the site.
- Construction equipment tires are inspected prior to entering paved roadways.
- A layer of washed gravel at least one inch or larger in diameter and three inches deep extending for at least 50 feet was installed at the construction entrance to the A2PP. All construction vehicles enter the site through this entrance.
- Silt fence has been installed at the construction entrance to prevent run-off to roadways.
- The paved access road to the A2PP site is swept twice daily. A record of the street sweeping is included in the AQCMM's monthly report. There are currently no paved roadways within the construction site.
- All storage piles and disturbed areas that remain inactive for longer than 10 days are covered or treated with appropriate dust suppressant compounds.
- All vehicles that are used to transport solid bulk materials on public roadways and that have the potential to cause visible emissions are provided with a cover, or the materials are sufficiently wetted and loaded onto trucks to provide at least two feet of freeboard.
- Wind erosion control techniques are used on all construction areas that may be disturbed. As stated above, water is regularly applied to control dust. In addition, the stormwater percolation ponds on the A2PP site and the construction laydown area have been vegetated.

AQ-SC5

- The AQCMM issues clearly visible tags on all diesel-fueled engines used in construction of the A2PP.
- The AQCMM's monthly reports contain information regarding the emission standards of the construction diesel engines used for construction of the A2PP.
- Letters from the equipment owners have been provided in the AQCMM's monthly report indicating that the equipment has been properly maintained.

- Operators of diesel heavy construction equipment have been instructed not to idle for more than five minutes, to the extent practical.
- It has not been feasible to use construction equipment with electric motors since that equipment has not been available.

AQ-72 and AQ-73: These SJVAPCD conditions pertain to fugitive dust control. AQ-72 references the SJVAPCD's fugitive dust rule. AQ-73 requires that TID (and PG&E for the gas pipeline) prepare a Dust Control Plan to ensure compliance with the SJVAPCD's fugitive dust rule. Ongoing compliance with these conditions is addressed in the Air Quality Mitigation Monthly Report required pursuant to Condition AQ-SC3 and included in **Exhibit 4**.

BIO-2: Todd Ellwood is the Designated Biologist for the A2PP. His monthly compliance report is included in **Exhibit 5.** His report addresses reporting requirements in several biology conditions. Specifically, these include:

- **BIO-5**: Worker Environmental Awareness Training Program
- **BIO-6:** Implementation of the Biological Resources Mitigation and Implementation Monitoring Plan measures;
- **BIO-7:** Implementation of Impact Avoidance Mitigation Measures;

BIO-5, CUL-8, and PAL-4: These conditions require that information be included in the Monthly Compliance Report regarding the number of people who completed the Worker Environmental Awareness Program (WEAP) training during the reporting period and a running total of the people trained through the end of the reporting period. Workers are trained through the use of a CEC approved WEAP video and handbook. The PMI Safety Supervisor conducted the WEAP training through Mechanical Completion. Now that the project is in commissioning, TID conducts the WEAP training. During the month of April, forty-three people were trained. This includes a few people who were trained by TID in March. A total of seven hundred eighty-eight people have been trained as of April 30, 2012. Copies of the WEAP training acknowledgement forms for the people trained during this reporting period are included **Exhibit 6.**

CUL-9: Based on Condition CUL-9 and discussions with the CEC Staff, cultural resources construction monitoring was only required for the eastern most 450-feet of the PG&E natural gas pipeline reinforcement segment. Excavation of the eastern most 450-feet of the reinforcement segment was completed in November 2011. The Cultural Resources Specialist's Monthly Summary Report for that construction effort was included in MCR #9 filed in December 2011.

PAL-5: Condition PAL-5 requires that a Paleontologic Resources Monitoring Report be included in the Monthly Compliance Report. Included in **Exhibit 7** is the Paleontologic Resource Monitoring Report for this reporting period.

Soil & Water-2: Condition of Certification Soil & Water-2 requires that during construction, the project owner provide an analysis in the Monthly Compliance Report on

the effectiveness of the drainage, erosion, and sedimentation control measures and the results of monitoring and maintenance activities. TID prepared a combined Stormwater Pollution Prevention Plan (SWPPP)/Drainage Erosion Sedimentation Control Plan (DESCP) to address the requirements of Conditions Soil & Water-1 and Soil & Water-2, respectively. Below is the information required by Condition Soil & Water-2 for the Monthly Compliance Report.

A2PP Site

The Best Management Practices (BMPs) identified in the SWPPP/DESCP were effective in controlling storm water, erosion, and sedimentation during the reporting period. Silt fence has been installed around the perimeter of most of the project site and construction laydown area. The silt fence has been effective in controlling stormwater run-on and run-off. It also helps in keeping small animals outside of the project site and preventing garbage from blowing on-site. Other BMPs employed during the month include:

- Use of water suppression for dust control
- Street sweeping and cleaning of paved site access road
- Use of graveled entrance/exit to the A2PP site
- Daily checking of equipment for oil drips and spills
- Keeping site free of trash and debris, and
- Covering of trash bins after hours

During the reporting period there was adequate water application to control dust. Street sweeping was done twice a day to clean up any track-out on the paved access road. Road base has been installed on the majority of the site. The general contractor was unable to install road base on the remainder of the site due to rain. The remaining road base will be installed in May and the asphalting of the site completed in June. Once the road base is installed, the Notice of Termination for the General Construction NPDES permit will be filed.

SWPPP/DESCP Monitoring and Maintenance Activities

Regarding monitoring and maintenance activities for the A2PP site, there were ongoing inspections of the existing BMPs by the Qualified SWPPP practitioner or trained delegate, as required by the General Construction Permit. In addition, inspections are conducted prior to rain events with a greater than 50% probability as indicated on the NOAA website. Inspections are also conducted during and after the rain events. These inspections are all documented and included into the general contractors on-site SWPPP/DESCP, as required by the General Construction Permit.

Specific information regarding use of water suppression for dust control and street sweeping and cleaning for the A2PP site is included in the Air Quality Construction Mitigation Managers monthly report included in **Exhibit 4**.

VIS-1: No lighting complaints were received during this reporting period.

WORKER SAFETY-3: The Construction Safety Supervisor's Monthly Safety Inspection Report is included in **Exhibit 8**. Also included is the Chief Building Official's (CBO) Safety Monitor's monthly report and inspection log. To reduce the size of the exhibit, only the inspection log entries for this reporting period have been included.

FACILITY DESIGN/TRANSMISSION SYSTEM ENGINEERING

GEN-2: The Master Drawing List/Master Specification list is available on the A2PP CBO website.

GEN-6: There were no special inspectors approved by the CBO during the reporting period.

GEN-7: No corrective action was taken during this reporting period in response to a discrepancy in design and/ or construction in any engineering work that has undergone CBO review.

CIVIL-1: The CIVIL-1 drawings have been approved or conditionally approved by the CBO.

CIVIL-3: No non-conformance reports were prepared during the reporting period.

STRUC-1: The STRUC-1 drawings that have been approved by the CBO can be viewed by accessing the CBO's website established for the A2PP project.

STRUC-2: No non-conformance reports were prepared during the reporting period.

STRUC-4: There are no tanks and vessels for hazardous materials to be constructed as part of the A2PP. Therefore, no engineering drawings were submitted to the CBO in compliance with this condition.

MECH-1: **Exhibit 8** contains the inspection approvals pursuant to Condition MECH-1.

MECH-2: No CBO and/or CAL-OSHA inspections pursuant to Condition MECH-2 (pressure vessels) were conducted during this reporting period.

ELEC-1: All electrical equipment has been received. Relay and breaker testing was completed during the April reporting period.

TSE-1: The Transmission System Engineering Master Drawing List/Master Specification List can be found on the CBO's website.

TSE-3: Construction of the transmission line was completed in November 2011.

TSE-4: All electrical equipment has been received. Information on the number of electrical drawings approved and submitted for approval can be found on the CBO's website.

4.0 Compliance Matrix

Condition of Certification COM-6 requires that a compliance matrix, which shows the status of the Conditions of Certification, be included in the Monthly Compliance Report. Included as **Exhibit 9,** is an updated compliance matrix. Please note, given the size of the matrix, only those conditions pertaining to construction are included. A complete matrix was provided in Monthly Compliance Report #1.

5.0 Conditions Satisfied During Reporting Period

Condition Worker Safety-2 was approved by the CEC during the reporting period.

6.0 Missed Submittal Deadlines

No submittal deadlines were missed during the reporting period.

7.0 Approved Changes to Conditions of Certification

No changes have been made to the Conditions of Certification since the Final Decision was issued.

8.0 Filings or Other Permits To/ From Other Agencies

The following filings were made to the San Joaquin Valley Air Pollution Control District and the U.S. Environmental Protection Agency during the reporting period:

- CEMS Certification Testing Notification pursuant to the Acid Rain Program requirements
- Acid Rain Monitoring Plan
- Source Test Notification
- Unit 4 First Fire and Operations Notification

9.0 Projection of Project Compliance Activities Scheduled for May 2012/June 2012

The following compliance documents are anticipated to be submitted during the May 2012/June 2012 reporting periods:

- **COM-12:** Facility Closure Plan
- **LAND-2**: Restoration of agricultural lands

- **SOIL & WATER-1:** Notice of Termination and Annual Compliance Report for the Central Valley Regional Water Quality Control Board
- **SOIL & WATER-4:** Submittal of evidence that the water metering devices are operational on the water supply and distribution systems.

10.0 Additions To On-Site Compliance File

The WEAP signed acknowledgement forms for the reporting period and the compliance documents submitted during the reporting period were added to the compliance files.

11.0 Request to Dispose of Items Required to be Maintained in Project Files

There are no items in the project compliance files of which TID is requesting to dispose.

12.0 Complaints, Violations, Warnings, Citations

There were no complaints, violations, warnings, or citations issued during the reporting period.

EXHIBIT 1

PROJECT SUMMARY SCHEDULE

2012

ID		April		May					June						
		4/15	4/22	4/29	5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8	
29	✓	CTG 3 - Pre-Start and Crank Testing 5/1 5/2 100%													
45	✓	CTG 2 - Water Injection System 5/1 5/2 100%													
30	✓	CTG 3 - Rotation Tests and FIRST FIRE 5/2 5/3 100%													
31	✓	CTG 3 - AVR - Low Load Testing 5/3 5/3 100%													
46	✓	CTG 2 - Pre-Start and Crank Testing 5/9 5/10 100%													
1	✓	EIT - TA3 Tempering Air Unit 3 5/10 5/11 100%													
47	✓	CTG 2 - Rotation Tests and FIRST FIRE 5/10 5/11 100%													
48	✓	CTG 2 - AVR - Low Load Testing 5/11 5/12 100%													
14	✓	CTG 4 - Scaffold at Distribution Grid 5/14 5/14 100%													
15	✓	CTG 4 - Scaffold at CO Catalyst Frame 5/14 5/14 100%													
16	✓	CTG 4 - Scaffold at SCR Catalyst Frame 5/14 5/14 100%													
32		CTG 3 - Scaffold at CO Catalyst Frame 5/14 5/14 0%													
17	✓	CTG 4 - Install Distribution Grid 5/15 5/16 100%													
33		CTG 3 - Scaffold at SCR Catalyst Frame 5/15 5/15 0%													
2	✓	EIT - TA2 Tempering Air Unit 2 5/16 5/17 100%													
18	✓	CTG 4 - Install CO Catalyst 5/16 5/17 100%													
63	✓	PRF - Solicit Proposal 5/17 5/18 100%													
19	✓	CTG 4 - SCR Frame Repair Design 5/18 5/18 100%													
20		CTG 4 - SCR Frame Repair 5/19 5/20 0%													
21		CTG 4 - Install SCR Catalyst 5/21 5/22 0%													
34		CTG 3 - SCR Frame Repair 5/21 5/22 0%													
64		PRF - Receive Proposal 5/21 5/22 0%													
22		CTG 4 - Remove Scaffold at Distribution Grid 5/23 5/23 0%													
35		CTG 3 - Install Distribution Grid 5/23 5/23 0%													

ID		2012												
		April			May				June					
		4/15	4/22	4/29	5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8
65		PRF - Requisition Purchase Order 5/23 5/23 0%												
23		CTG 4 - Remove Scaffold at CO Catalyst Frame 5/24 5/24 0%												
36		CTG 3 - Install CO Catalyst 5/24 5/24 0%												
3		AMA - Import Ammonia into the Plant 5/25 5/25 0%												
4		APC - Unit 4 - Hand Work Paving 5/25 5/29 0%												
24		CTG 4 - RemoveScaffold at SCR Catalyst Frame 5/25 5/25 0%												
37		CTG 3 - Install SCR Catalyst 5/25 5/25 0%												
49		CTG 2 - Scaffold at Distribution Grid 5/29 5/29 0%												
38		CTG 3 - Remove Scaffold at Distribution Grid 5/29 5/29 0%												
39		CTG 3 - Remove Scaffold at CO Catalyst Frame 5/29 5/30 0%												
50		CTG 2 - Scaffold at CO Catalyst Frame 5/30 5/30 0%												
25		CTG 4 - CEMS Commissioning (Seven Day Drift Test) 5/29 6/5 0%												
26		CTG 4 - WLN Tuning (Wet Low Nox) 5/29 5/31 0%												
27		CTG 4 - Generator/AVR Dynamic Testing 5/29 5/31 0%												
40		CTG 3 - RemoveScaffold at SCR Catalyst Frame 5/30 5/31 0%												
51		CTG 2 - Scaffold at SCR Catalyst Frame 5/31 5/31 0%												
52		CTG 2 - SCR Frame Repair 6/1 6/2 0%												
41		CTG 3 - CEMS Commissioning (Seven Day Drift Test) 6/1 6/9 0%												
42		CTG 3 - WLN Tuning (Wet Low Nox) 6/1 6/4 0%												
43		CTG 3 - Generator/AVR Dynamic Testing 6/1 6/4 0%												
5		APC - Unit 3 - Hand Work Paving 5/30 5/31 0%												
8		PMI - PAC.MOBILE - GE/UEI Trailer 5/31 5/31 0%												
53		CTG 2 - Install Distribution Grid 6/3 6/3 0%												
6		APC - Unit 2 - Hand Work Paving 6/1 6/5 0%												

ID		2012												
		April		May			June							
		4/15	4/22	4/29	5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8
9		PMI - PAC.MOBILE - IEC Trailer 6/1 6/1 0%												
54		CTG 2 - Install CO Catalyst 6/3 6/4 0%												
55		CTG 2 - Install SCR Catalyst 6/4 6/5 0%												
56		CTG 2 - Remove Scaffold at Distribution Grid 6/5 6/6 0%												
28		CTG 4 - Unit 4 Commissioning Complete 6/5 6/5 0%												
13		PMI - Finalize Perimeter Fence 6/4 6/8 0%												
57		CTG 2 - Remove Scaffold at CO Catalyst Frame 6/6 6/7 0%												
58		CTG 2 - RemoveScaffold at SCR Catalyst Frame 6/7 6/8 0%												
7		APC - Main Line Paving with Machine 6/6 6/8 0%												
44		CTG 3 - Unit 3 Commissioning Complete 6/9 6/9 0%												
59		CTG 2 - CEMS Commissioning (Seven Day Drift Test) 6/9 6/18 0%												
60		CTG 2 - WLN Tuning (Wet Low Nox) 6/9 6/12 0%												
61		CTG 2 - Generator/AVR Dynamic Testing 6/9 6/12 0%												
10		PMI - PAC.MOBILE - PMI TRAILER 6/7 6/7 0%												
11		PMI - PAC.MOBILE - GUARD SHACK 6/8 6/8 0%												
12		PMI - AAA - PORTABLE TOILET REMOVAL 6/8 6/8 0%												
62		CTG 2 - Unit 2 Commissioning Complete 6/18 6/18 0%												
66		PRF - Vendor Onsite 6/19 6/20 0%												
67		PRF - Performance Tests 6/20 6/23 0%												
68		SRC - Mobilize & Setup 6/25 6/26 0%												
69		SRC - Source Test 6/29 6/29 0%												
70		SRC - DeMobilize 6/30 6/30 0%												
71		WECC - PSS TESTING 7/2 7/2 0%												

EXHIBIT 2

KEY EVENTS LIST

KEY EVENTS LIST

PROJECT: TID Almond 2 Power Plant

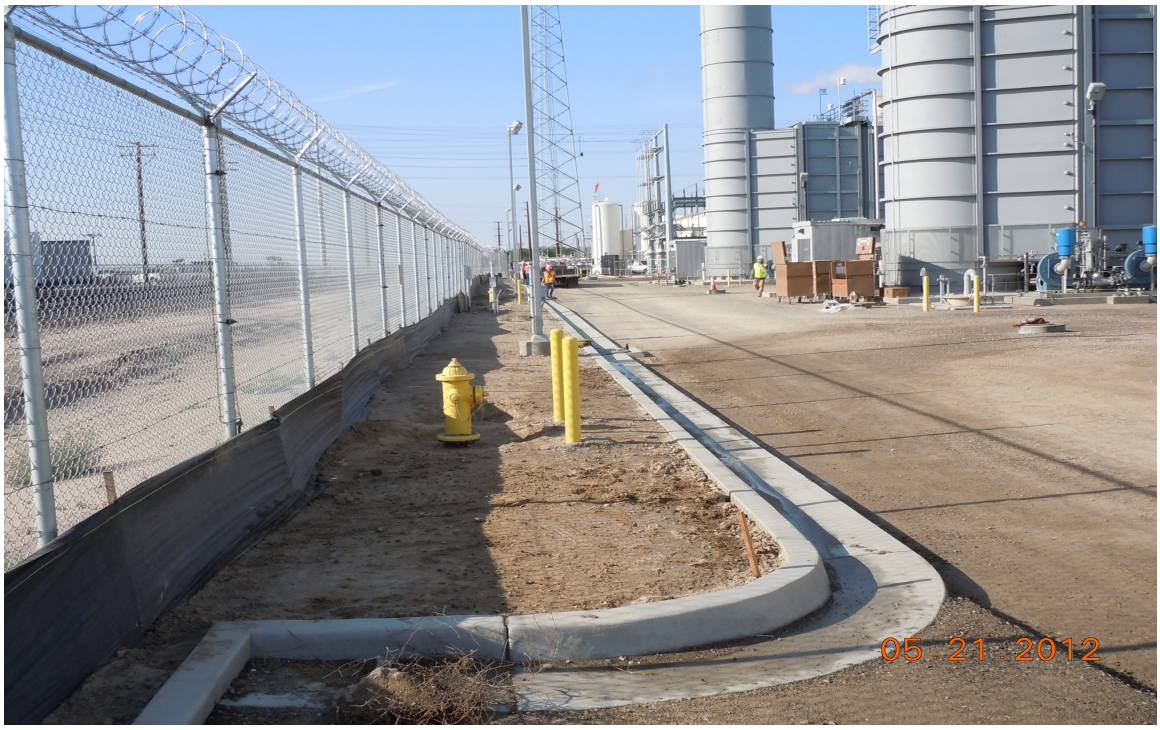
DOCKET #: 09-AFC-2C

COMPLIANCE PROJECT MANAGER: Bruce Boyer

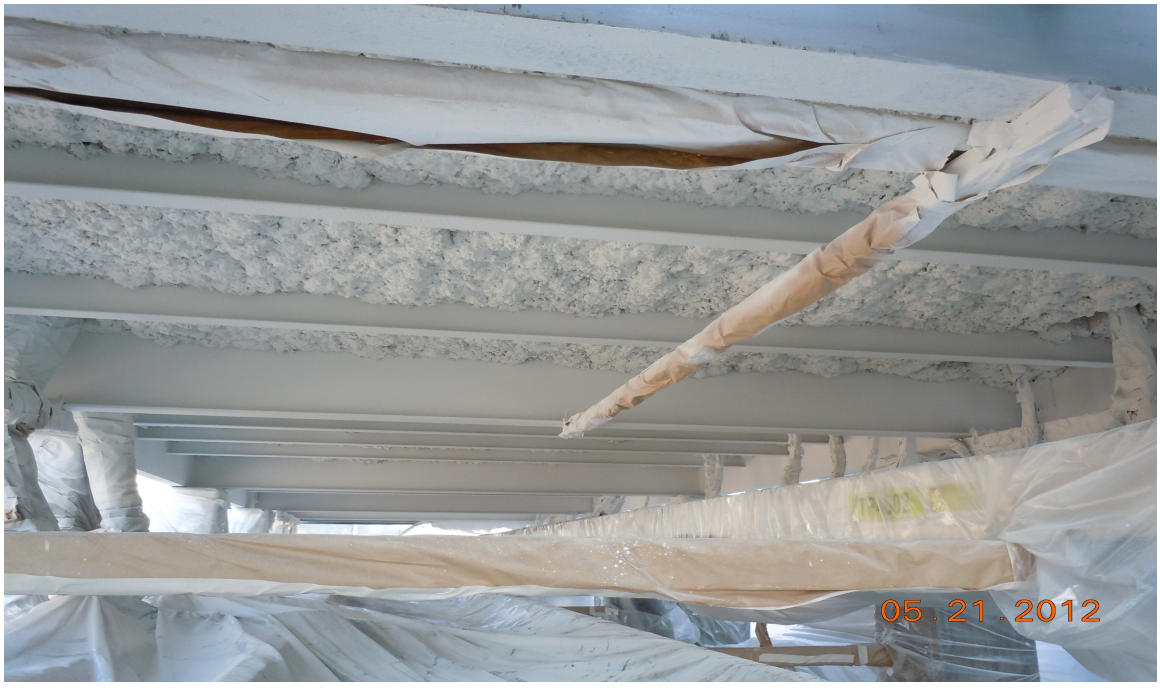
EVENT DESCRIPTION	DATE
Certification Date	December 15, 2010
Obtain Site Control	September 10, 2010
Online Date	July 2012
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	February 28, 2011
Start Ground Disturbance	March 1, 2011
Start Grading	March 21, 2011
Start Construction	March 21, 2011
Begin Pouring Major Foundation Concrete	April 6, 2011
Begin Installation of Major Equipment	June 2011
Completion of Installation of Major Equipment	September 1, 2011
First Combustion of Gas Turbine	April 25, 2012
Obtain Building Occupation Permit	April 2012
Start Commercial Operation	July 2012
Complete All Construction	March 20, 2012
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	September 2011
Synchronization with Grid and Interconnection	April 26, 2012
Complete T/L Construction	November 2011
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	May 26, 2011
Complete Gas Pipeline Construction	December 2011
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	N/A
Complete Water Supply Line Construction	N/A

EXHIBIT 3

CONSTRUCTION PHOTOGRAPHS

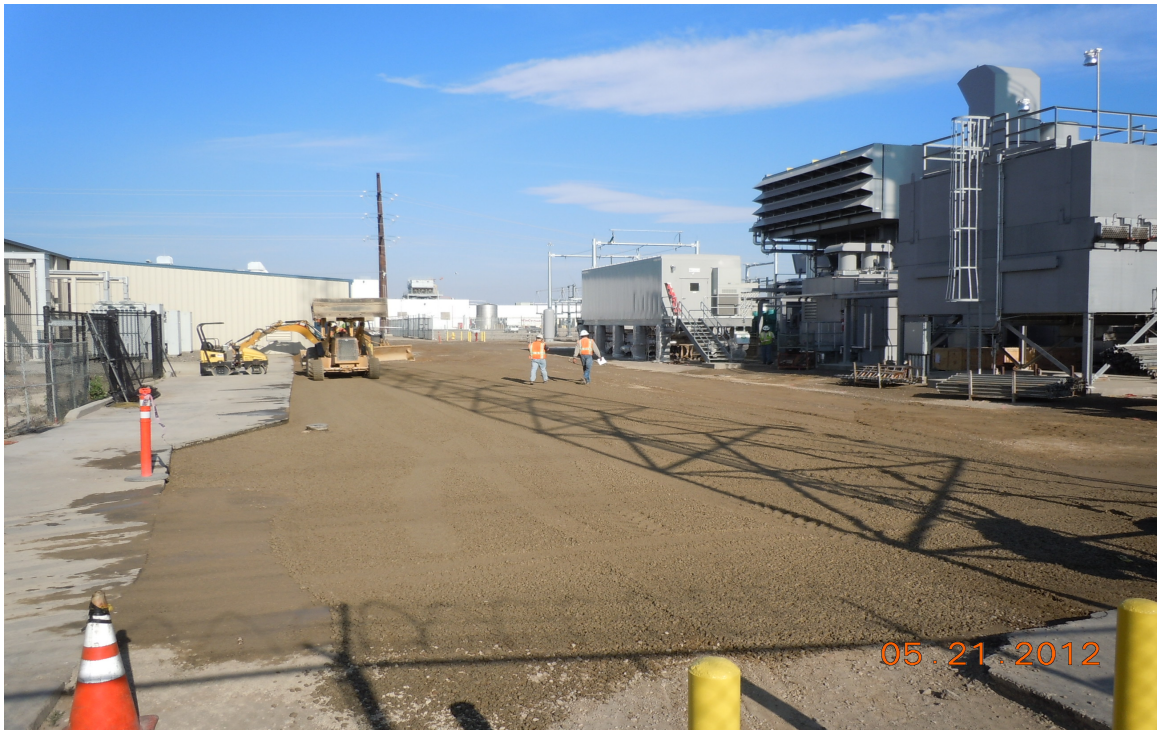


East Side of A2PP Site



Power Distribution Center #4 Coating Over Fire Protection

Switchyard Overview



Regrading Along East Side of A2PP Site

EXHIBIT 4

AQCMM MONTHLY REPORT

Almond 2 Power Plant Project

Almond 2 Power Plant AQCMM Log

4/2/12

Weather-Clear, Wind 8 MPH NW, Temp 47 Deg F. Water truck on site.
On site 6:15 AM. 0.16 inch rain over weekend.
AQCMM Sam Comstock off site 11:05 AM, Devin Chapin covering for AQCMM.
Attended all employees Weekly safety meeting outside of PMI trailer.
Hand grading road base gravel around South side of Unit #4 and North side of Unit #3.
Checking ammonia alarms at all three ammonia skids.
Used 0.0 gallons of water for dust control at A2PP site.
Off site 4:20 PM.

4/3/12

Weather-Clear, Wind 7 MPH NW, Temp 47 Deg F. Water truck on site.
On site 6:20 AM.
AQCMM Sam Comstock off site 11:05 AM, Devin Chapin covering for AQCMM.
Painters are painting piping in gas compressor yard. Continuing hand grading road base gravel around unit #3. Startup checks ongoing.
Used 3,400 gallons of water for dust control at A2PP site.
Off site 5:20 PM.

4/4/12

Weather-Clear, Wind 6 MPH NW, Temp 43 Deg F. Water truck on site.
On site 6:35 AM.
AQCMM Sam Comstock off site 11:05 AM, Devin Chapin covering for AQCMM.
Electricians installing instrumentation drawer parts in #4 generator enclosure.
Continuing with pipe insulation installation on unit #3.
Used 3,400 gallons of water for dust control at A2PP site.
Off site 5:15 PM.

4/5/12

Weather-Clear, Wind 8 MPH NW, Temp 41 Deg F. Water truck on site.
On site 6:25 AM.
AQCMM Sam Comstock off site 11:10 AM, Devin Chapin covering for AQCMM.
Continuing with pipe insulation installation on anti-icing skid.
Used 5,100 gallons of water for dust control at A2PP site.
Off site 4:15 PM.

4/6/12

Weather-Clear, Wind Calm, Temp 40 Deg F. Water truck on site.
On site 6:45 AM.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Painting and insulating crews off Good Friday per union contracts. Rough grading on North side of unit #4. Pulling perimeter cables for site security system.
Used 3,400 gallons of water for dust control at A2PP site.
Off site 4:10 PM.

4/9/12

Weather-Clear, Wind 6 MPH North, Temp 46 Deg F. Water truck on site.
On site 6:15 AM.
AQCMM Sam Comstock off site 11:05 AM, Devin Chapin covering for AQCMM.
Removing site temporary power cable from poles. Doing hand compaction and grading around equipment foundations.
Used 3,400 gallons of water for dust control at A2PP site.
Off site 4:15 PM.

4/10/12

Weather-Clear, Wind Calm, Temp 40 Deg F. Water truck on site.
On site 6:25 AM.
AQCMM Sam Comstock off site 9:10 AM, Devin Chapin covering for AQCMM.
Rough grading North side of unit #4. Grouting security lighting poles to there foundations.
Used 3,400 gallons of water for dust control at A2PP site.
Off site 5:10 PM.

4/11/12

Weather- Overcast, Wind 5 MPH, Temp 52 Deg F. Water truck on site.
On site 6:35 AM. 0.8 inch of rain today.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Continuing with pipe insulation installation on unit #2. Painting crew last day.
Removing site temporary power poles.
Used 0,0 gallons of water for dust control at A2PP site.
Off site 5:30 PM.

4/12/12

Weather-Rain, Wind 8 MPH South Temp 50 Deg F. Water truck on site.
On site 6:20 AM 0.2 inch of rain today.
AQCMM Sam Comstock off site 9:10 AM, Devin Chapin covering for AQCMM.
Electricians and start-up crew in site, insulating and site grading crews rained out.
Used 0,0 gallons of water for dust control at A2PP site.
Off site 5:45 PM.

4/13/12

Weather-Rain, Wind 4 MPH SW, Temp 46 Deg F. Water truck on site.
On site 6:25 AM. 0.6 inch of rain today.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Electricians putting cable tags on cables inside of electrical vaults.
Used 0,0 gallons of water for dust control at A2PP site.
Off site 4:30 PM.

4/16/12

Weather-Clear, Wind Calm, Temp 47 Deg F. Water truck on site.
On site 6:20 AM.
AQCMM Sam Comstock off site 9:10 AM, Devin Chapin covering for AQCMM.
Attended all employees Weekly safety meeting outside of PMI trailer.
Continuing with pipe insulation installation on unit #2. Pumping water out of electrical vault #7.
Used 3,400 gallons of water for dust control at A2PP site
Off site 4:20 PM.

4/17/12

Weather-Clear, Wind Calm, Temp 51 Deg F. Water truck on site.
On site 6:10 AM.
AQCMM Sam Comstock off site 9:20 AM, Devin Chapin covering for AQCMM.
Used 3,400 gallons of water for dust control at A2PP site
Off site 4:20 PM.

4/18/12

Weather-Clear, Wind 7 MPH NNW, Temp 51 Deg F. Water truck on site.
On site 6:10
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Used 3.400 gallons of water for dust control at A2PP site
Off site 4:30 PM.

4/19/12

Weather- Clear, Wind 7 MPH NNW, Temp 54 Deg F. Water truck on site.
On site 6:20 AM.
Devin Chapin covering for AQCMM Sam Comstock off site at 11:05 AM.
AQCMM Sam Comstock off site 9:10 AM, Devin Chapin covering for AQCMM.
Electricians labeling conduits in electrical vaults. Continuing with pipe insulation installation on unit #2.
Used 3,400 gallons of water for dust control at A2PP site
Off site 4:30 PM.

4/20/12

Weather-Clear, Wind Calm, Temp 60 Deg F. Water truck on site.
On site 6:15 AM.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Used 3,400 gallons of water for dust control at A2PP site
Off site 4:40 PM.

4/23/12

Weather-Clear, Wind 9 MPH NNW, Temp 55 Deg F. Water truck on site.
On site 6:25 AM.
Attended all employees Weekly safety meeting outside of PMI trailer.
AQCMM Sam Comstock off site 9:10 AM, Devin Chapin covering for AQCMM.
Site East side driveway roadbed near completion.
Used 5,100 gallons of water for dust control at A2PP site
Off site 4:35 PM.

4/24/12

Weather-Scattered clouds, Wind Calm, Temp 56Deg F. Water truck on site.
On site 6:35 AM.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Used 5,100 gallons of water for dust control at A2PP site
Off site 4:30 PM.

4/25/12

Weather- Clear, Wind 4 MPH NNW, Temp 59 Deg F. Water truck on site.
On site 6:30 AM.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Started insulation installation on gas compressor gas-oil separators.
Used 0,0 gallons of water for dust control at A2PP site
Off site 4:50 PM.

4/26/12

Weather-Overcast, Wind 4 MPH NNE, Temp 59 Deg F. Water truck on site.
On site 6:25 AM.
AQCMM Sam Comstock off site at 9:25 AM Devin Chapin covering for AQCMM.
Continuing with pipe insulation installation on gas coalescing filter.
Used 5,100 gallons of water for dust control at A2PP site
Off site5:00 PM.

4/27/12

Weather- Mostly cloudy, Wind 9 MPH NW, Temp 49 Deg F. Water truck on site.
On site 6:30 AM.
AQCMM Sam Comstock off site, Devin Chapin covering for AQCMM.
Continuing insulation installation on gas compressor gas-oil separators.
Used 5,100 gallons of water for dust control at A2PP site
Off site 4:25 PM.

4/30/12

Weather-Clear, Wind 4 MPH SE, Temp 56 Deg F. Water truck on site.
On site 6:30 AM.
Attended all employees Weekly safety meeting outside of PMI trailer.
AQCMM Sam Comstock off site 9:05 AM, Devin Chapin covering for AQCMM.
North side of unit #4, East-West roadway near final grade.
Used 3,400 gallons of water for dust control at A2PP site
Off site 4:50 PM.

Record Keeping Form

Month: April,2012

FORM A – Area Water Application

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 AC (Miles/Acres)

Owner: TID Address: 333 East Canal Drive City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535-8267

Watering Schedule

Use this form to document daily water applications at a single site by recording total gallons per day and number of applications per day at a single area. Use additional forms, as necessary, for areas with different treatment schedules.

Area Treated: Drive, dirt mix and gravel for dust control; pipe hydro tests.

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1	2	All Day 3 3400 gals	All Day 4 3400 gals	All Day 5 5100 gals	All Day 6 3400 gals	7
2	8	All Day 9 3400 gals	All Day 10 3400 gals	All Day 11 RAIN	All Day 12 RAIN	All Day 13	14
3	15	All Day 16 3400 gals	All Day 17 3400 gals	All Day 18 3400 gals	All Day 19 3400 gals	All Day 20 3400 gals	21
4	22	All Day 23 5100 gals	All Day 24 5100 gals	All Day 25 RAIN	All Day 26 5100 gals	All Day 27 5100 gals	28
5	29	All Day 30 3400 gals					

Area Treated: 6.4 AC.

Record Keeping Form

Month:April,2012

FORM B – For Cleanup of Trackout Carryout

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 (Acres)

Owner: TID Address: 333 East Canal Drive City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535 -8267

Sweeping / Cleanup Schedule

Use this form to document the cleanup schedule by entering the time of day cleanup is done.
Mornings = am; Afternoon = pm. Write "end of day" if cleanup is done at the end of the workday.

Week Ending		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4/8/12	am		1100	1100	1100	1100	1100	
	pm		End of day	End of day	End of day	End of day	End of day	
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4/15/12	am		1100	1100	1100	1100	1100	
	pm		End of day	End of day	End of day	End of day	End of day	
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4/22/12	am		1100	1100	1100	1100	1100	
	pm		End of day	End of day	End of day	End of day	End of day	
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4/29/12	am		1100	1100	1100	1100	1100	
	pm		End of day	End of day	End of day	End of day	End of day	
		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	am							
	pm							

Record Keeping Form

Month: April 2012

FORM C – For Permanent / Long Term Dust Controls

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 (Acres)

Owner: TID Address: 333 East Canal Drive PO Box 949 City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535 -8267

Permanent Activities

Describe the types of permanent dust controls implemented, the date, the activity, such as applying an organic dust suppressant, gravel, paving or a trackout control device. Add comments such as the amount used, where used, brand name.

Date	Dust Control Activity Performed (Gravel, paving)	Comments: Type of material, application rate.
03-01-11	Large crushed rock at main gate	Knock off dirt from tires/vehicles
04-01-11	Gravel (hammered)	Around office trailers, lunch room and parking areas.
07-05-11	Widen front main gate and add more large crush rock	To accommodate large loads; knock off dirt from tires/vehicles.
09-27-11	Rumble rock at front gate	Turn over rock to knock out build up dirt
10/20/11	Hydroseed Winco retention pond	California Native seed erosion blend.
10/21/11	Hydroseed A2PP retention pond	California Native seed erosion blend.
10/26/11	Placed permanent crushed rock on Switch Yard	1 ½" x ¾" MA Crushed rock
11/3/11	Placed AB bed in preparation for Asphalt west of GSU's and in between Transformers and PDC	CLASS II, RECYCLED AGREGATE BASE MATERIAL
4/30/12	Permanent AB placed in and around all 3 units in preparation for asphalt	CLASS II, RECYCLED AGREGATE BASE MATERIAL
4/30/12	Permanent AB placed in Almond 1 unit in preparation for asphalt	CLASS II, RECYCLED AGREGATE BASE MATERIAL
4/30/12	All switch yard area complete per scope	CLASS II, RECYCLED AGREGATE BASE MATERIAL
4/30/12	90% of Gas compressors area completed with permanent AB in preparation for asphalt	CLASS II, RECYCLED AGREGATE BASE MATERIAL

Comments: Ongoing 'hammered' gravel being placed to cut down dust.

Ultra Low Sulfur Diesel Fuel Ledger

For Month Of: April 2012

	Delivery Date	Quantity Gal.	Delivered To	Received From	Equip. #	Operating Hrs.
1	03/05/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
2	03/09/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
3	04/05/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
4	04/09/12	40	Antioch Paving	E.R. Vine & Sons, Inc.		
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E.R. VINE & SONS, INC.

2825 Railroad Ave. - Ceres, CA 95307

RETURN SERVICE REQUESTED

member of CFN COMMERCIAL FUELING NETWORK

FUEL MANAGEMENT REPORT

REPORT DATE: 03/15/12
DUE DATE: 03/31/12
TOTAL AMOUNT DUE: $1,039.50

INVOICE NUMBER: ZZ0024
ACCOUNT NUMBER: ANTIO07929

42.ER031512.D11

ANTIOCH PAVING CO INC
P O BOX 1669

ANTIOCH CA 94509

E.R. Vine & Sons, Inc.
2825 Railroad Ave.
Ceres, CA 95307

Please make check payable to E.R. Vine & Sons, Inc.
Please detach at perforation and return upper portion with your payment.

ACCOUNT: ANTIO07929 **INVOICE: ZZ0024** **REPORT DATE: 03/15/12** **DUE DATE: 03/31/12** **PAGE: 1 of 1**

Vehl	Site	Location	Date	Time	Misc	Odometer	Prod	Quantity	Price	FET	SET	SST	OTHER	Total$
Card 7053294		**JOHN CICHOSZ**												
0000000	002886	CERES - CA	03/02/12	12:15	00001101		REG	29.427	3.73900	5.39	10.51	3.63	0.29	129.85
0000000	002886	CERES - CA	03/05/12	10:16	00000777	100.0	REG	37.673	3.73900	6.89	13.45	4.65	0.38	166.23
0000000	002886	CERES - CA	03/08/12	15:41	00001101		REG	30.597	3.73900	5.60	10.92	3.78	0.30	135.00
0000000	005684	ANTIOCH,CA	03/12/12	05:09			REG	33.167	3.71638	6.07	11.84	4.59	0.33	146.09
0000000	005684	ANTIOCH,CA	03/15/12	09:07			REG	30.446	3.64208	5.57	10.87	4.16	0.30	131.79
Card 7053296		**JOHN-RED DIESEL ONLY**												
0000000	002886	CERES - CA	03/05/12	10:07	00000777	101.0	DSLRE	39.494	3.75900	0.00	0.00	14.50	0.39	163.35
0000000	002886	CERES - CA	03/09/12	12:01	00001101		DSLRE	39.995	3.79900	0.00	0.00	14.85	0.40	167.19
		Grand Totals.....						**240.799**		**29.52**	**57.59**	**50.16**	**2.39**	**1039.50**

TOTALS BY DRIVER CARD

7053294	JOHN CICHOSZ	161.310	29.52	57.59	20.81	1.60	708.96
7053296	JOHN-RED DIESEL ONLY	79.489	0.00	0.00	29.35	0.79	330.54
Card Totals.....		240.799	29.52	57.59	50.16	2.39	1039.50

TOTALS BY STATE/FUEL

CA DSLRED	79.489	0.00	0.00	29.35	0.79	330.54
CA REG	161.310	29.52	57.59	20.81	1.60	708.96
State/Fuel Totals.....	240.799	29.52	57.59	50.16	2.39	1039.50

TOTALS BY STATE

CA Excise Taxes	240.799	29.52	57.59	50.16	2.39	1039.50
State Totals.....	240.799	29.52	57.59	50.16	2.39	1039.50

Total Amount Due **$1,039.50**

PAST DUE AFTER DUE DATE. ACCOUNT IS SUBJECT TO LOCK OUT AT THIS DATE.

- MISC. FEES/TAXES WILL BE ADDED TO UNIT PRICE WITH THE EXCEPTION OF STATE AND FEDERAL TAXES ON ALL TRANSACTIONS OUTSIDE THE STATE OF CALIFORNIA.
- ALL TAXES ARE ADDED TO THE UNIT PRICE ON ALL TRANSACTIONS OUTSIDE THE UNITED STATES.
- ERRORS IN PRICE, EXTENSION AND ADDITION ARE SUBJECT TO CORRECTION.
- TAX NOTICE: SELLER HAS INCLUDED OR EXCLUDED FEDERAL, STATE, OR LOCAL TAXES ON THIS INVOICE THAT TO THE BEST OF SELLER'S INFORMATION, KNOWLEDGE AND BELIEF ARE APPLICABLE TO THIS SALE. ANY TAX OR FEE SUBSEQUENTLY DETERMINED TO BE APPLICABLE TO THIS SALE AND NOT INCLUDED IN THIS INVOICE WILL BE BILLED TO THE CUSTOMER AT A LATER DATE.
- IF ACCOUNT REMAINS UNPAID BY DUE DATE, CUSTOMER AGREES TO PAY INTEREST AT 18% PER ANNUM AND ALL REASONABLE ATTORNEY'S FEES IF COLLECTION IS REQUIRED.

E.R. VINE & SONS, INC.

2825 Railroad Ave. - Ceres, CA 95307

RETURN SERVICE REQUESTED

member of CFN COMMERCIAL FUELING NETWORK

FUEL MANAGEMENT REPORT

REPORT DATE: 04/15/12
DUE DATE: 04/30/12
TOTAL AMOUNT DUE: $864.23

INVOICE NUMBER: ZZ0026
ACCOUNT NUMBER: ANTIO07929

40.ER041512.D11

ANTIOCH PAVING CO INC
P O BOX 1669

ANTIOCH CA 94509

Pd ck # 29031 4/30/12 $864.23

E.R. Vine & Sons, Inc.
2825 Railroad Ave.
Ceres, CA 95307

Please make check payable to E.R. Vine & Sons, Inc.
Please detach at perforation and return upper portion with your payment.

ACCOUNT: ANTIO07929 INVOICE: ZZ0026 REPORT DATE: 04/15/12 DUE DATE: 04/30/12 PAGE: 1 of 1

Vehl	Site	Location	Date	Time	Misc	Odometer	Prod	Quantity	Price	FET	SET	SST	OTHER	Total$
Card 7053294		**JOHN CICHOSZ**												
0000000	005684	ANTIOCH,CA	04/03/12	05:03			REG	29.235	3.64338	5.35	10.44	3.99	0.29	126.58
0000000	002886	CERES - CA	04/05/12	07:16	00001101		REG	30.231	3.59900	5.53	10.79	3.60	0.30	129.02
0000000	002886	CERES - CA	04/09/12	07:18	00001101		REG	33.881	3.59900	6.20	12.10	4.04	0.33	144.61
0000000	005684	ANTIOCH,CA	04/12/12	18:13			REG	31.361	3.56228	5.74	11.20	4.19	0.31	133.16
Card 7053296		**JOHN-RED DIESEL ONLY**												
0000000	002886	CERES - CA	04/05/12	07:20	00001101		DSLRE	39.995	3.75900	0.00	0.00	14.69	0.40	165.43
0000000	002886	CERES - CA	04/09/12	07:23	00001101		DSLRE	39.995	3.75900	0.00	0.00	14.69	0.40	165.43
						Grand Totals.....		204.698		22.82	44.53	45.20	2.03	864.23

TOTALS BY DRIVER CARD

7053294	JOHN CICHOSZ	124.708	22.82	44.53	15.82	1.23	533.37
7053296	JOHN-RED DIESEL ONLY	79.990	0.00	0.00	29.38	0.80	330.86
Card Totals.....		204.698	22.82	44.53	45.20	2.03	864.23

TOTALS BY STATE/FUEL

CA DSLRED	79.990	0.00	0.00	29.38	0.80	330.86
CA REG	124.708	22.82	44.53	15.82	1.23	533.37
State/Fuel Totals.....	204.698	22.82	44.53	45.20	2.03	864.23

TOTALS BY STATE

CA Excise Taxes	204.698	22.82	44.53	45.20	2.03	864.23
State Totals.....	204.698	22.82	44.53	45.20	2.03	864.23

Total Amount Due $864.23

PAST DUE AFTER DUE DATE. ACCOUNT IS SUBJECT TO LOCK OUT AT THIS DATE.
- MISC. FEES/TAXES WILL BE ADDED TO UNIT PRICE WITH THE EXCEPTION OF STATE AND FEDERAL TAXES ON ALL TRANSACTIONS OUTSIDE THE STATE OF CALIFORNIA.
- ALL TAXES ARE ADDED TO THE UNIT PRICE ON ALL TRANSACTIONS OUTSIDE THE UNITED STATES.
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- IF ACCOUNT REMAINS UNPAID BY DUE DATE, CUSTOMER AGREES TO PAY INTEREST AT 18% PER ANNUM AND ALL REASONABLE ATTORNEY'S FEES IF COLLECTION IS REQUIRED.

Almond 2 Equipment On Site Ledger

New Equip. * Decal

Date:	Line	Equip. Type	Manufacturer	Equip. #	Model#	Engine Mod	Engine Ser. #	Family #	Contractor	HP	Disp.	Hrs.	Tier	Rental
3/10/2011	*8	Broom	Lay-Mor	13001-3038	8HC	V1505	AJ3467	AKBXL01.5BCD	PMI	46	1.50	90.1	4	Cresco
4/4/2011	*17	Extended Forklift	JLG	1047648	10054	QSB4.5	45862694	8CEXL275AAG	Collins Electrical	110	4.3	2220	3	United rentals
4/25/2011	*23	Personnel Cart	Deere	Owner	HPX Gator	3TNE68C-EJUV	CH300D024247	4YDXL0.78U3N	TID	18.2	0.8	1369	1	Owner
7/18/11	*45	Manlift	Genie	12552-2507	S-65	404D-22	749301	BH3XL02.22N4L	PMI		2.2	45	4	Cresco
8/5/2011	*55	Extended Forklift	Carerpillar	NM28827	TL1055	C4.4	44413022	BPXL04.4NJ1	PMI	87	4.40	19	3	Cresco
8/29/2011	*62	Manlift	Genie	234703	Z-60/34	D2011-L-031	10646363	8DZXL03.1041	PMI	49	2.3		4	Sun Belt
12/13/2011	*73	Skip Loader	Deere	1040743	210LJ	4045HT054	PE4045L172167	BJDXL06.8106	Antioch Paving Co.	98	4.5	1.2	3	Pape

Summary of Diesel Construction Equipment Mitigation Determinations

For month of : Apr-2012

Item	Equipment Make & Model	Engine Make, Model, Rating	Tier 3 Engine (yes / no)	Days Expected Onsite	Excess Oil Consumption Expected (yes / no)	Adequate Exhaust Temp. (yes / no)	Adequate Installation Space (yes / no)	Is there an ARB Certified Soot Filter this engine (yes / no)	Mitigation Determination (ULSFO, Tier 3 engine, soot filter)
8	Lay - Mor Broom 8HC	Kubota V1505 46 HP	Yes	365	No	N/A	N/A	N/A	ULSFO
17	JLG Extended Forklift QSB4.5	Cummins QSB4.5	Yes	120	No	N/A	N/A	N/A	ULSFO
23	Deere Personnel Cart HPX Gator	Yanmar Co. 3TNE68C-EJUV 18.2 HP	No	305	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
45	Genie Manlift S-65	Ihi Shibaura 404D-22 50 HP	Yes		No	N/A	N/A	N/A	ULSFO
55	Caterpillar Extended Forklift TL1055	Perkins C4.4 87 HP	Yes		No	N/A	N/A	N/A	ULSFO
62	Genie Manlift Z-60/34	Deutz AG D2011-L-031 49 HP	Yes		No	N/A	N/A	N/A	ULSFO
73	Deere Skip Loader 210LJ	John Deere 4045HT054C 84 HP	Yes	30	No	N/A	N/A	N/A	ULSFO
85									
86									
87									
88									
89									

Diesel Engine Data Summary

For month of : Apr-2012

Item	Engine Make & Model	Engine Serial Number	Engine Mfr. Year	Engine Displacement (Liters)	Engine Rating (HP)	EPA / ARB Conformity Date	Tier 3 Engine Available	Operating Hrs. since last major overhaul	Exhaust Temp.	Contractor
8	Kubota Broom V1505	AJ3467	2010	1.5	46 HP	12/22/2009	Tier 4	90.1	NA	PMI
17	Cummins QSB4.5	45862694	2008	4.5	110	12/19/2007	Tier 3	2220	NA	Collins Electrical
23	Yanmar Co. Personnel cart 3TNE68C-EJUV	CH3008D024247	2004	0.78	18.2	7/13/2004	Tier 1	1369.9	NA	TID Exempt less than 50 HP
45	IHI Shibaura Manlift	749301	2011	2.2		12/27/2010	Tier 4	45	NA	PMI
55	Perkins Extended Forklift C4.4	44413022	2007	4.4	87	12/21/2007	Tier 4	19	NA	PMI
62	Deutz Manlift D2011-L-031	10646363	2008	2.33	49	1/16/2008	Tier 4		NA	PMI
73	Deere Skip Loader 4045HT054	PE4045L172167	2010	4.5	84 HP	12/6/2010	Yes	98	NA	Antioch Paving Co.
85										
86										
87										
88										
89										

EXHIBIT 5

BIOLOGICAL RESOURCE MONITORING REPORT

Biological Resources

Mitigation Monitoring for the

Turlock Irrigation District

Almond 2 Power Plant

MONTHLY COMPLIANCE REPORT #14 (BIO-2)

April 2012

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Almond 2 Power Plant

MONTHLY COMPLIANCE REPORT

April 2012

TABLE OF CONTENTS

APPENDICES

INTRODUCTION

The Almond 2 Power Plant (A2PP) is a nominal 174-megawatt (MW) facility consisting of three General Electric Energy LM6000PG SPRINT natural gas-fired turbine generators and associated equipment. The facility is located in the City of Ceres, Stanislaus County, California, on an approximately 4.6-acre parcel adjacent to the existing 48-MW Turlock Irrigation District (TID) Almond Power Plant.

The project site is north of the existing 48-MW Almond Power Plant, east of a WinCo Supermarket distribution warehouse, south of a farm supply facility, and various industrial facilities (mobile building distributor and drilling equipment storage laydown areas) are to the east. The project address is 4500 Crows Landing Road, Modesto, California. Although the address identifies the site in Modesto, it is located within the city limits of Ceres and is approximately 2 miles south from the Ceres city center. Modesto is approximately 5 miles to the north. The project site was previously used by WinCo as a borrow pit during construction of its distribution center and was backfilled and graded in 2008 using commercially available fill. The construction laydown and parking area is located adjacent to the western border of the site, within the WinCo property. An approximately 6.4-acre parcel is being used for both construction parking and laydown areas.

The A2PP will be interconnected to the TID transmission system via an approximately 1,110 foot long transmission line, which will extend south to the proposed Grayson Substation. The project will also require that TID re–rate 2.9 miles of an existing 69-kV sub-transmission line from the Almond Power Plant to the TID Crows Landing Substation that currently serves parts of the cities of Ceres and Modesto as well as surrounding rural areas.

Process water will be obtained by tying in to the existing process water line for the Almond Power Plant from the City of Ceres Wastewater Treatment Plant (WWTP). An existing well at the southeastern corner of the Almond Power Plant property will provide Service water for the facility. Potable water will be delivered to A2PP by a commercial water service.

Pacific Gas and Electric Company (PG&E) will design, construct, own, operate, and maintain a natural gas pipeline that will be constructed in part to serve the A2PP project. The alignment for PG&E's Line DFM 7216-03 is approximately 11.6 miles long and generally extends in a southerly direction from the existing Almond Power Plant boundary and joins with PG&E's existing natural gas pipeline, Line #215, at West Bradbury Road. In addition, a 1.8-mile-long segment of Line #215 will be reinforced along Prune Avenue on the western side of the San Joaquin River. This segment is referred to as the Reinforcement Segment. No work is planned within or under the river or on its banks. All pipeline water crossings occur under or in TID's managed canal and drain system. The construction right-of-way (ROW) for the pipeline would be 85 feet wide, and the permanent pipeline easement would be 50 feet wide. The pipeline would be installed in a relatively shallow trench; however, to cross under the Harding Drain, Crows Landing Road and other TID canals, drains, and improvement district canals and/or pipelines, a trenchless construction method will be used (i.e., horizontal directional drill, jack and bore or hammer bore) construction method will be used.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with local, state, and federal agencies to minimize unavoidable project impacts. Project approval from the California Energy Commission (CEC) was on December 15, 2010 and included conditions that must be monitored by the Designated Biologist (DB). The DB or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes a summary of the A2PP monitored biological activities for April 2012.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the A2PP project site were developed through consultation with the California Energy Commission (CEC), and state and federal agencies. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

Conditions of Certification (COC)

All COC's were in compliance for the month of April. The following COC's BIO-5, BIO-6, and BIO-7 were applicable compliance measures for the month of April 2012 and require specific language to be included in each monthly compliance report. Therefore each is addressed separately below.

BIO-5. States that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make weekly site visits to insure that BIO-5 was in compliance. During the month of April, the DB Todd Ellwood and BM Victor Leighton verified project compliance with BIO-5.

BIO-6. States that implementation of BRMIMP measures shall be reported in the monthly compliance reports by the DB (i.e., survey results, construction activities that were monitored, species observed). A written monthly report was prepared by the BM Victor Leighton and DB Todd Ellwood for the month of April and identifies survey results and construction activities (General Notes and Observations) and species observed (Appendix A).

BIO-7. Addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make weekly site visits to insure that BIO-7 was in compliance. During the month of April, the DB Todd Ellwood and BM Victor Leighton verified project compliance with BIO-7.

SUMMARY OF SITE ACTIVITIES

This section provides a summary of April's project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. The DB Todd Ellwood and BM Victor Leighton provided oversight during the month of April and completed logs summarizing activities, personal interactions, and observations made during each site visit. These logs are available on request.

Power Plant Site Construction

A2PP site construction in April included continued work in the electrical and gas yard; finish work within the three Selective Catalytic Reduction (SCR) units; final wire installation and panel work for the three SCR units and associated facilities; continued work on the gas metering station; final earthwork elevation and base-rock grading; continued upkeep of sediment fence and SWPPP measure installation; and maintenance of winterization BMP's (for example, hydroseeding of stormwater basins) and sediment fence for the A2PP site and Winco Foods property. A2PP construction is approximately 99 percent complete to date.

PMI released the majority of the site over to TID on March 20th for commissioning; however due to weather, final grading and asphalting will not be completed until approximately mid May 2012. PMI was onsite, maintaining BMP's and applicable COC's and will continue working with TID to bring the plant to final completion status. When final grading and installation of asphalt throughout the plant site is completed, biological monitoring and weekly site visits by the DB and/or BM will be discontinued in accordance with COC's requirements. Monitoring and weekly site visits were performed by Mr. Ellwood and Mr. Leighton for April as required within the COC's to document permit compliance.

Worker Environmental Awareness Program

The Worker Environmental Awareness Program (WEAP) was developed exclusively for the A2PP project. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by the COC BIO-5, all new employees must attend the WEAP. A total of forty-three personnel received WEAP training in April at the A2PP site. This includes a few workers trained by TID in March. A cumulative total of seven hundred eighty-eight workers have been trained to date for the overall project. The PMI and TID keep signed affidavits on file and Susan Strachan, TID's Compliance Project Manager, keeps PG&E's WEAP training copies.

GENERAL DAILY NOTES AND OBSERVATIONS

During April DB Todd Ellwood and BM Victor Leighton, covered daily and weekly project biological oversight. The monitoring efforts are documented below. No wildlife issues or interactions occurred for the month of April; therefore, there are no wildlife observations forms included with this report. Representative photographs are included in Appendix B.

On April 3rd, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the survey. No issues or question were raised during these interactions. Site work included final base-rock and grading between SCR unit 3 and 4 and painting in the gas compressor yard. Removal of construction worker shacks and storage containers as part of general site cleanup also occurred. The BM inspected the work site for nesting birds; none were observed. A2PP construction was in compliance with all biological resources COCs. For representative photographs taken on this day, please refer to Appendix B, photographs 1 - 3.

On April 10th, DB Todd Ellwood was on site to conduct a weekly inspection of the A2PP site. The DB contacted key construction personnel during the site inspection to address any issues or concerns at the time of the visit. No issues or questions were raised during these interactions. Site work included dirt grading and base-rock leveling throughout the site, miscellaneous electrical work inside the new facilities and site cleanup as part of project completion. A2PP construction was in compliance with all biological resources COCs. For representative photographs taken on this day, please refer to Appendix B, photograph 4.

On April 24th, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP site. The BM contacted PMI during the site inspection to address any issues or concerns at the time of the survey. No issues or question were raised during these interactions. Site work included final base-rock and grading north of SCR unit 4. Removal of the construction trades shacks, storage containers, office trailers and general site cleanup continued as part of project completion. A red-tailed hawk was observed foraging over the A2PP site. The hawk was being mobbed by ravens and eventually left the area. Red-tail hawks have been observed perching in towers adjacent to the site; however no nests have been documented within 250 feet of the project facilities to date. A2PP construction was in compliance with all biological resources COCs. For representative photographs taken on this day, please refer to Appendix B, photograph 5.

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
BIRDS		
American white pelican	*Pelecanus erythrorhynchos*	Pipeline route
Double crested cormorant	*Phalacrocorax auritus*	Pipeline route
Greater white-fronted goose	*Anser albifrons*	Fly over
Canada goose	*Branta canadensis*	Pipeline route
Mallard	*Anas platyrhynchos*	TID stormwater pond
Northern shoveler	*Anas clypeata*	Fly over
Lesser scaup	*Aythya affinis*	Fly over
Canvasback	*Aythya valisineria*	Fly over
Common merganser	*Mergus merganser*	Fly over
Ruddy duck	*Oxyura jamaicensis*	Pipeline route
White-faced ibis	*Plegadis chihi*	Pipeline route
Great blue heron	*Ardea herodias*	Pipeline route
Green heron	*Butorides virescens*	Pipeline route
Great egret	*Ardea alba*	TID pond
Snowy egret	*Egretta thula*	Pipeline route
Turkey vulture	*Cathartes aura*	Fly over
White-tailed kite	*Elanus leucurus*	Pipeline route
Northern harrier	*Circus cyaneus*	Pipeline route
Cooper's hawk	*Accipiter cooperii*	Pipeline route
Sharp-shinned hawk	*Accipiter striatus*	Fly over
Red-shouldered hawk	*Buteo lineatus*	Pipeline route
Red-tailed hawk	*Buteo jamaicensis*	Project site and laydown areas Also Dark Morph variety at Carpenter Rd and West Bradbury Rd
Swainson's hawk	*Buteo swainsoni*	Pipeline route
American kestrel	*Falco sparverius*	A2PP and laydown areas
Peregrine falcon	*Falco peregrinus*	A2PP at Pipeline route
Merlin	*Falco columbarius*	Pipeline route
Sandhill crane	*Grus canadensis*	Fly over
Killdeer	*Charadrius vociferus*	A2PP and laydown areas
Blackneck stilt	*Himantopus mexicanus*	Pipeline route
American avocet	*Recurvirostra americana*	Pipeline route
Greater yellowlegs	*Tringa melanoleuca*	TID stormwater pond
Lesser yellowlegs	*Tringa flavipes*	Pipeline route
Long-billed curlew	*Numenius americanus*	Fly over
Least sandpiper	*Calidris minutilla*	Pipeline route
Wilson's phalarope	*Phalaropus tricolor*	Pipeline route
Ring-billed gull	*Larus delawarensis*	Transmission line route
Herring gull	*Larus argentatus*	Transmission line route
California gull	*Larus californicus*	Transmission line route
Bonaparte's gull	*Larus philadelphia*	Transmission line route

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
Rock pigeon (*Exotic*)	*Columba livia*	A2PP and laydown areas
Mourning dove	*Zenaida macroura*	A2PP and pipeline route
Great horned owl	*Bubo virginianus*	Pipeline route
Anna's hummingbird	*Calypte anna*	Pipeline route
Belted kingfisher	*Ceryle alcyon*	Pipeline route
Northern flicker	*Colaptes auratus*	Pipeline route
Nuttall's woodpecker	*Picoides nuttallii*	Pipeline route
Black phoebe	*Sayornis nigricans*	Pipeline route
Say's phoebe	*Sayornis saya*	Pipeline route
Western kingbird	*Tyrannus verticalis*	Pipeline route
Loggerhead shrike	*Lanius ludovicianus*	Pipeline route
Western scrub-jay	*Aphelocoma californica*	A2PP, canal, transmission line and pipeline route
Yellow-billed magpie	*Pica nuttalli*	Pipeline route
American crow	*Corvus brachyrhynchos*	A2PP, canal, transmission line and pipeline route
Common raven	*Corvus corax*	Pipeline route
Horned lark	*Eremophila alpestris*	Laydown areas and pipeline route
Tree swallow	*Tachycineta bicolor*	Pipeline route
Barn swallow	*Hirundo rustica*	Pipeline route
Cliff swallow	*Petrochelidon pyrrhonota*	Pipeline route
Marsh wren	*Cistothorus palustris*	Pipeline route
House wren	*Troglodytes aedon*	Pipeline route
American robin	*Turdus migratorius*	Pipeline route
Northern mockingbird	*Mimus polyglottos*	Laydown areas and pipeline route
European starling (*Exotic*)	*Sturnus vulgaris*	Canal, laydown areas, and pipeline route
American pipit	*Anthus rubescens*	A2PP Footprint
Yellow warbler	*Dendroica petichia*	Pipeline route
Lark sparrow	*Chondestes grammacus*	Pipeline route
Savannah sparrow	*Passerculus sandwichensis*	Pipeline route
Song sparrow	*Melospiza melodia*	Pipeline route
White-crowned sparrow	*Zonotrichia leucophrys*	A2PP, Canal and pipeline route
Red-winged blackbird	*Agelaius phoeniceus*	Pipeline route
Tricolored blackbird	*Agelaius tricolor*	Fly over
Brewer's blackbird	*Euphagus cyanocephalus*	Pipeline route
Yellow-headed blackbird	*Xanthocephalus xanthocephalus*	Pipeline route
Western Meadowlark	*Sturnella neglecta*	Pipeline route.
Brown-headed cowbird	*Molothrus ater*	Pipeline route
Blue grosbeak	*Passerina caerulea*	Pipeline route
House finch	*Carpodacus mexicanus*	Almond Power Plant and pipeline route
American goldfinch	*Carduelis tristis*	Pipeline route
House sparrow (*Exotic*)	*Passer domesticus*	Pipeline route

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
MAMMALS		
Audubon's cottontail	*Sylvilagus audubonii*	Laydown areas and remains found and one killed on A2PP
Black-tailed hair	*Lepus californicus*	A2PP
California vole	*Microtus californicus*	A2PP and laydown areas.
Botta's pocket gopher	*Thomomys bottae*	A2PP (one dead and 3 live exposed during earth moving activities)
California ground-squirrel	*Spermophilus beecheyi*	Pipeline route, transmission line
Mink	*Mustela vison*	Prairie Flower Drain
Striped skunk	*Mephitis mephitis*	Pipeline route
REPTILES		
Western fence lizard	*Sceloporus occidentalis*	Pipeline route
Pacific gopher snake	*Piuophis catenifer catenifer*	A2PP laydown areas several killed on the A2PP site
Western pond turtle	*Emys marmorata*	Harding Drain west of Crows Landing

***** Indicates new observance or additional information

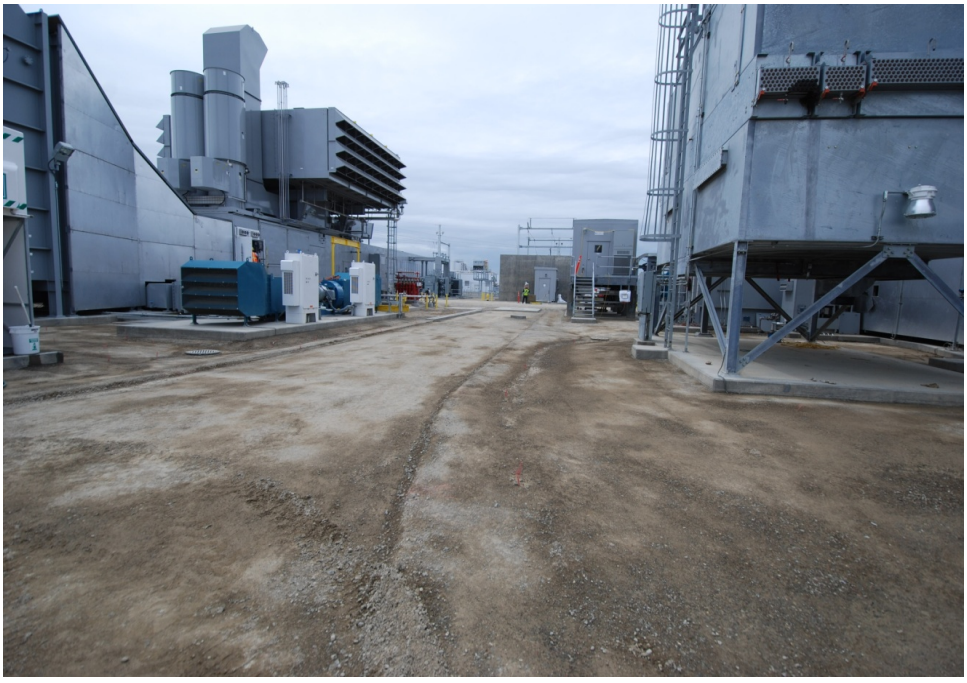
APPENDIX B

Representative Site Photographs

#1. View west of final base-rock installation and grading between the SCR units 3 and 4. Photo taken: April 3, 2012.

#2. View west of detail grading of base-rock at SCR unit 3. Photo taken: April 3, 2012.

#3. A view northwest of the gas compressor structures being painted. Photo taken: April 3, 2012.



#4. A view west of ground surface between SCR units 3 and 4 ready for asphalt application. Photo taken: April 10, 2012.

#5 A view east of final base-rock installation and grading on the north side of SCR unit 4.

EXHIBIT 6

WEAP ACKNOWLEDGEMENT FORMS

Date MARCH 2012 + APRIL 20

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources.. The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Billy Bottoms	IFS	
Doug Rupp	GE	
Mike Mucha	UEI	
Mike Stalk	CH2MHill	
IVAN VIVAS	EMERSON	
Mario Sousa	Q.E.C	
Joe Sousa	OEC	
Andy Vandecheiden	TRB	
Ed Yanosik	GE	
Tom Stowell	GE	
Robert Sousa	TID	
Casey Cotta	TID	
WAYNE SMITH	TID	
Andrew Lopes	TID	

Fifteen signatures per page.

Almond 2 Power Plant Project

Certification of Completion
Worker Environmental Training on
Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature	Date
Ryuji Tanaka	KOBELCO		04/20/2012
Imran Hashmi	KOBELCO		04/20/2012
Joe Krese	GE		4/24/2012
Jimmie Fmister	GE		4-24-2012
JOHN STULP	WOODWARD		04-24-2012
Raymond Fong	GE		04-24-2012
GLENN QUICE	KOBELCO		4-24-12
TONY SILVEIRA	T.I.D.		4-30-12
	T.I.D		4-3-12
Dan Valenzuela	Antioch Paving Co		5-8-12
Jose De Lafuente	Antioch Paving Co		5-8-12
KURT MINER	ANTIOCH PAVING		5-8-12
ROGELIO CHAVOYA	Antioch Paving		May 1-09-12
ARSHAD REHMAN	GE		5/10/12
David Ray	Brand		5/11/12
Walter Alvarado	Brand		5/11/12
ROGER DE HARO	BRAND		5/11/12
Tim Stephens	BRAND		5-14-12
Robert Fowler	P.M.I		5-14-12
RICHARD WASSAM	PMI		5/14/12
John E Richmond	PMI		5/14/12
	PMI		5/14/12
	PMI		5/14/12
Michael VanOostende	PMI		5-14-12
William D. Konzak	BAYSIDE INSUL.		15 May 2012
VERNON CLARK	BAYSIDE INSUL		5-15-12
Charles Lockhart	VEIT		5-15-12
Ken Ciacco	IHC Int.		5-15-12
GREG SCHRAGE	GE AVIATION		5/15/12

EXHIBIT 7

PALEONTOLOGIC RESOURCES MONITORING REPORT

TECHNICAL MEMORANDUM

Almond 2 Power Project (A2PP) Paleontological Resources Monitoring of Construction Activities, April, 2012

PREPARED FOR: Susan Strachan, Strachan Consulting
Sarah Madams, CH2M HILL

PREPARED BY: W. G. Spaulding, Ph.D., Paleontological Resources Specialist (PRS)

DATE: May 3, 2012

Personnel On-Call for Paleontological Monitoring This Period:

Levi Pratt – Staff Paleontologist, Paleontological Resources Monitor (PRM)

Jaspal Saini – Senior PRM

Training Conducted This Month (PAL-4)

All construction and environmental personnel continue to receive the CEC approved Paleontological Resources Awareness Module of Worker Environmental Awareness Training prior to working on this project.

Monitoring Conducted This Month (PAL-5)

Excavations have been completed in all paleontologically sensitive areas.

Anticipated Future Activities

The draft PRR is currently in final review and will be submitted to the client by the end of next reporting period.

Comments, Issues or Concerns

No issues of concerns arose during this reporting period.

EXHIBIT 8

SAFETY SUPERVISORS MONTHLY REPORTS

WATER & POWER
Serving Central California since 1887

April 2012 Compliance Report

Prepared by: George Davies – T.I.D.

Project: Almond 2 Power Plant
4500 Crows Landing Road
Modesto, CA 91613

Project start date: February 28, 2011

Total TID and SSSAP trained
43

Reporting period: April 1 – 30, 2012

Hours of operation: 7 AM to 3:30 PM Monday thru Friday

Incident

Status	Near miss	First aid	First aid lost time	Recordables
April	0	0	0	0
YTD	7	6	0	0

Status:

Observation: No unsafe events or activities were observed this month.

Incident: No current or ongoing safety incidents.

Project Status: Overall percent complete 99.3%
PMI, Mechanical 100%
OVERAA, Civil 100%
COLLINS, Electrical and Instrumentation 100%
APC, Site work 90%
Misc. Subs (insulation, paint, security, equipment, NDE, fence, etc.) 99.5%

Oriented contractors:
PMI – APC – Collins Electric – North Star – TRB – IEC – CH2MHILL – Overaa – Harris Rebar - Kleinfelder - All Phase (security) – TID – Maxim Crane – GE – Quality Erectors - ETI – Hotline Brand Scaffold – Sheedy Crane Waukesha – Hanson Paint – HART – American Air Filters - Cot-Puritech - Emerson/Chloride - Cosco Fire Farwest Corrosion – UEI - Lufkin Industries - FOSI/TID - Bayside Insulation – Kobelco – Arrow – CCT – ADT – Woodward -

1. ***Safety summary:***

All Hands Meeting attended by all construction workers is held every Monday. Safety topics discussed during the month of March included the following:

- "Lock Out Tag Out", LOTO
- Personal Protective Equipment
- Current expected weather conditions & proper hydration
- Pending "demobilization" activities

TID personnel flushed, sanitized, and then filled the Safety Shower reservoirs with potable water. The Safety Showers are now completely operable.

The permanent eye wash stations were mounted and filled with potable water.

2. ***Safety results for the month:***

All contractors:
None

Cosco:
None

APC:
None

Caltrol:
None

Collins Electric:
None

Hanson paint
None

PMI:
None

Bayside insulation:
None

All Steel Fence Erectors:
None

TID:
None

Monthly CEC Project Workers Safety Report

Project: Almond Two Power Project 09-AFC-2

Report Period: April 2012

Prepared by Inspector of Record: Taner Pamuk

1. Executive Summary of the Workers Safety Management

Project Owner TID and its project management team IEC took over the site safety since the commissioning and test fire activities were the main work activities and major construction activities were completed (excluding grading and paving)

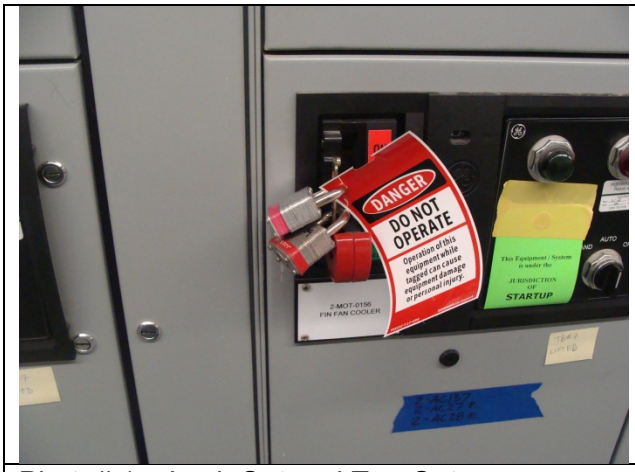
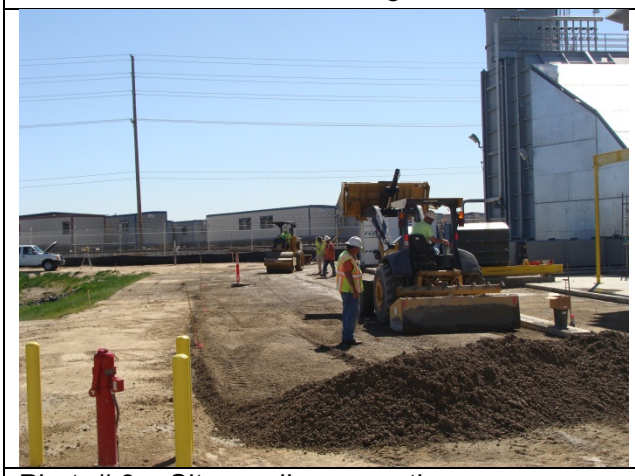
2. Field Condition and Observations

No major discrepancies or violations were observed during the site visits of this Month. Almond Two Power Plant work activities continued to comply with the California Energy Commission's Final Decision Worker Safety requirements.

Some of the highlighted activities and safety precautions were:

- Gas lines were charged during this month. TID issued work permits for any performed hot works
- The contractor PMI and its subcontractor started demobilization of their temporary facilities
- First Fire of the Combustion Turbine unit #4 was performed successfully and uneventfully

Pictorial summery of the site conditions (continues next page):

	
Photo# 1 – Lock Out and Tag Out	Photo# 2 – General view of the site
	
Photo# 3 – Site grading operations	Photo# 4 – Personnel working on the CT units prior to test fire

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval	Open Item
1228	03/13/12	PDC - High Side Termenations	Final Inspection for Closure	03/13/12	Doug Simms	
1229	03/13/12	Generator Breakers - Terminations	Final Inspection for Closure	03/13/12	Doug Simms	
1230	03/13/12	PDC - 4160V Switchboard	Final Inspection for Closure	03/13/12	Doug Simms	
1231	03/22/12	A1PP - Gas Compressors	Pipe Supports	03/22/12	Doug Simms	
1232	03/22/12	Warehouse - Door Aprons		03/22/12	Doug Simms	
1233	03/28/12	Mod Aux - Landings 2,3 & 4		03/28/12	Doug Simms	
1234	03/28/12	GSU #2,3,4 - Firestop	Hilit Fire Bricks installed.	03/28/12	Doug Simms	
1235	03/28/12	GSU #2,3,4 - Fire Alarm	Functional Test	03/28/12	Doug Simms	
1236	03/28/12	Warehouse - Fire Alarm	Functional Test	03/28/12	Doug Simms	See inspection report
1237	04/02/12	Panel labeling at PDC	Label panel on North center	04/03/12	Vanderheiden	
1238	04/03/12	Supports for cable trays at Units 2,3,4		04/03/12	Vanderheiden	
1239	04/04/12	Duct Seals at PCM and PDC	Missing several seals		Vanderheiden	Reinspection Req
1240	04/06/12	Supports for hydraulic lines at Units 2,3,4	need additional supports	04/09/12	Vanderheiden	
1241	04/09/12	Pull Stations for fire alarm at all PCMs	Ok- check addressing at CO2 dump	04/09 12	Vanderheiden	
1242	04/10/12	Labeling of Panels in PCM	OK	04/10/12	Vanderheiden	
1243	04/11/12	Elecrtical Panels in Mechanical room labeling	Missing labeling on panel s/w corner04/12/12		Vanderheiden	
1244	04/12/12	Ensure removal of temp wiring on East end	OK	04/12/12	Vanderheiden	
1245	04/13/12	Grounds to Mineral lube oil skid motors	OK	04/13/13	Vanderheiden	
1246	04/16/12	Packing of Conduits at gas compr.skids	Not ready	04/17/12	Vanderheiden	
1247	04/17/12	Packing of Conduits at gas compr.skids	OK	04/17/12	Vanderheiden	
1248	04/18/12	Grounding of Bus duct supports @ Blast wall	OK	04/18/12	Vanderheiden	
1249	04/19/12	Grounding of panel door at PCM	OK	04/19/12	Vanderheiden	
1250	04/19/12	Chico seal pours at Gas compressor skids	Not ready	04/20/12	Vanderheiden	

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval	Open Item
1251	04/20/12	Chico seal pours at Gas compressor skids	OK	04/20/12	Vanderheiden	
1252	04/21/12	CO2 Discharge tests for Units 2,3,4,	OK- Need final letter		Vanderheiden	Need Letter
1253	04/21/12	Fire alarm pull station addressing and test	OK	04/21/12	Vanderheiden	
1254	04/24/12	Pre-First Fire Unit 4 Inspection	OK	04/24/12	Vanderheiden	
1255	04/25/12	First fire and emergency shutdown Unit 4	OK	04/25/12	Vanderheiden	
1256	04/26/12	Ladder and Platform at PCM 2,3,4,	OK	04/26/12	Vanderheiden	
1257	04/27/12	Toe board gap correction measures at 2,3,4,	OK	04/27/12	Vanderheiden	
1258	04/30/12	Ammonia air pipe supports	Not ready		Vanderheiden	Reinspection Req
1259						
1260						
1261						
1262						
1263						
1264						
1265						
1266						
1267						
1268						
1269						
1270						
1271						

EXHIBIT 9

COMPLIANCE MATRIX

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-SC1 (Part 2 of 2)	**Constr**	Air Quality Construction Mitigation Manager (AQCMM): The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with conditions **AQ-SC3, AQ-SC4** and **AQ-SC5** for the entire project site and linear facility construction.	The AQCMM shall not be terminated without written consent of the compliance project manager (CPM).	N/A	If occurs	TID		7/20/11	8/4/11	Ongoing	The AQCMM and AQCMM delegates shall have full access to all areas of construction on the project site and linear facilities, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. ### The on-site AQCMM may delegate responsibilities to one or more AQCMM delegates.### **Resume of Devin Chapman as alternative delegate AQCMM submitted on 7/20/11. Approved by CEC via email from Christine Stora on 8/4/11.**
AQ-SC3	**Constr**	Construction Fugitive Dust Control: The AQCMM shall submit documentation to the CPM in each the monthly compliance report (MCR) that demonstrates compliance with mitigation measures outlined in AQ-C3. **See Condition AQ-SC3 for list of dust mitigation construction requirements.**	Include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at project owner's discretion.	N/A	Each MCR					Ongoing	Any deviation from the mitigation measures shall require prior CPM notification and approval.
AQ-SC4	**Constr**	Dust Plume Response Requirement: The AQCMM or an AQCMM delegate shall monitor all construction activities for visible dust plumes. **See Condition AQ-SC4 for all dust plume monitoring and mitigation requirements.**	1) The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits. 2) If there are visible dust plumes with the potential to be transported off the project site (as defined in AQ-SC4) then the AQCMM or delegate shall implement the procedures outlined in AQ-SC4 for additional mitigation measures.	N/A	1) Provide info as per AQ SC2; 2) Immediately, if occurs					Ongoing	If step 1 and 2 fail to result in effective mitigation within one hour of the original determination, the AQCMM or delegate shall direct a temporary shutdown of the activity causing the emissions. The activity shall not restart until the AQCMM or delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the shutdown source. **The owner/operator may appeal to the CPM any directive from the AQCMM or delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time**.
AQ-SC5	**Constr**	Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures outlined in Condition AQ-SC5. **See SC-5 for a two page list of documentation and mitigation measures required.**	The project owner shall include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Info may be provided via electronic format or disk at project owner's discretion.	N/A	Each MCR					Ongoing	Any deviation from the mitigation measures in AC-SC5 shall require prior CPM notification and approval.
AQ-SC6	**All**	The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	1) Submit any proposed air permit modification to the CPM within five working days of either: a) submittal by the project owner to an agency, or b) receipt of proposed modifications from an agency. 2) Submit all modified air permits to the CPM within 15 days of receipt.	N/A	1) Within 5d of submittal or receipt; 2) Within 15d of receipt	TID/ Sierra				Not Started	
AQ-2	**All**	This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District NSR Rule]	No verification necessary	N/A						N/A	
AQ-3	**Constr**	Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4]	The project owner shall submit to both the District and CPM the Title V Operating Permit application prior to operation.	SJVAPCD	Prior to First Fire	TID/ Sierra	1/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	**TID to submit second Title V application (first application was submitted with ATC) prior to first fire. An air district inspection then must be scheduled. 10/11/11 submitted to SJVAPCD. 10/12/11 submitted to CEC.**
AQ-7	**Constr/ Ops**	The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	

CPM=Compliance Project Manager; MCR=Monthly Compliance Report; ACR=Annual Compliance Report; 15d=15 days

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AQ-11	**Constr/ Startup**	Commissioning activities are defined as, but not limited to, all testing, adjustment, tuning, and calibration activities recommended by the equipment manufacturers and the construction contractor to ensure safe and reliable steady state operation of the gas turbine and associated electrical delivery systems. [District Rule 2201]	No verification necessary	N/A						N/A	
AQ-13	**Startup/ Ops**	Emission rates from the gas turbine system during the commissioning period shall not exceed any of the following limits: NOx (as NO2) - 40.40 lb/hr and 969.6 lb/day; VOC (as CH4) - 8.41 lb/hr and 201.8 lb/day; CO - 40.00 lb/hr and 704.6 lb/day; PM10 - 2.50 lb/hr and 60.0 lb/day; or SOx (as SO2) - 1.56 lb/hr and 37.4 lb/day. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-15	**Startup/ Ops**	The total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-16	**Startup/ Ops**	During commissioning period, the owner or operator shall keep records of the natural gas fuel combusted in the gas turbine system on an hourly and daily basis. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-30	**Startup/ Ops**	Gas turbine system shall be fired on PUC-regulated natural gas with a sulfur content of no greater than 1.0 grain of sulfur compounds (as S) per 100 dscf of natural gas. [District Rule 2201 and 40 CFR 60.4330(a)(2)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-37	**Constr/ Ops**	A water injection system, a selective catalytic reduction (SCR) system and an oxidation catalyst shall serve this gas turbine system. [District Rule 2201]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-38	**Constr/ Ops**	The gas turbine engine and generator lube oil vents shall be equipped with mist eliminators or equivalent technology sufficient to limit the visible emissions from the lube oil vents to not exceed 5% opacity, except for a period not exceeding three minutes in any one hour. [District Rule 2201]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-39	**Startup/ Ops**	Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]	1) The project owner shall submit the proposed source test plan or protocol for the source tests 15 days prior to the proposed source test date to both the District and CPM for approval. 2) The project owner shall notify the District and CPM no later than 30 days prior to the proposed source test date and time.	SJVAPCD	1) 15d prior source test date; 2) no later than 30d prior source test date	TID/ Aeros	1)5/20/12 2) 5/3/12	5/1/12		Submitted	**Source test scheduled for June 4, through June 8, 2012. Source test protocol submitted to SJVAPCD on 4/24/12. Protocol submitted to CEC via email on 5/1/12.**
AQ-40	**Startup/ Ops**	Source testing shall be witnessed or authorized by District personnel and samples shall be collected by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing firm. [District Rule 1081]	The project owner shall submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-39.	SJVAPCD	15d prior source test date	TID/ Aeros	5/20/12	5/1/12		Submitted	**Source test scheduled for June 4, through June 8, 2012. Source test protocol submitted to SJVAPCD on 4/24/12. Protocol submitted to CEC via email on 5/1/12.**

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AQ-41	**Startup/ Ops**	Source testing to measure startup and shutdown NOx, CO, and VOC mass emission rates shall be conducted before the end of the commissioning period and at least once every seven years thereafter. [District Rule 1081]	1) The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-39). 2) Testing for startup and shutdown emissions shall be conducted upon initial operation. 3) Testing for startup and shutdown emissions shall be conducted at least once every seven years.	SJVAPCD	1) Within 60d of testing; 2) upon initial operation; 3) Every 7 years	TID/ Aeros	8/8/12			Not Started	CEM relative accuracy for NOx and CO shall be determined during startup and shutdown source testing in accordance with 40 CFR 60, Appendix F (Relative Accuracy Audit). If CEM data is not certifiable to determine compliance with NOx and CO startup emission limits, then startup and shutdown NOx and CO testing shall be conducted every 12 months. If an annual startup and shutdown NOx and CO relative accuracy audit demonstrates that the CEM data is certifiable, the startup and shutdown NOx and CO testing frequency shall return to the once every seven years schedule.### **Source test scheduled for June 4, through June 8, 2012.**
AQ-42	**Startup/ Ops**	Source testing to determine compliance with the NOx, CO, VOC and NH3 emission rates (lb/hr and ppmvd @ 15% O2) and PM10 emission rate (lb/hr) shall be conducted before the end of commissioning period and at least once every 12 months thereafter. [District Rules 2201 and 4703, 40 CFR 60.4400(a)]	1) The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-39). 2) Testing for steady-state emissions shall be conducted upon initial operation. 3) Testing for steady-state emissions shall be conducted at least once every 12 months.	SJVAPCD	1) Within 60d of testing; 2) upon initial operation; 3) At least every 12 months	TID/ Aeros	8/8/12			Not Started	**Source test scheduled for June 4, through June 8, 2012.**
AQ-43	**Startup/ Ops**	The sulfur content of each fuel source shall be: (i) documented in a valid purchase contract, a supplier certification, a tariff sheet or transportation contract, **or (ii) monitored within 60 days after the end of commissioning period and weekly thereafter**. [District Rule 2201 and 40 CFR 60.4360, 60.4365(a) and 60.4370(c)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	If the sulfur content is less than or equal to 1.0 gr/100 dscf for eight consecutive weeks, then the monitoring frequency shall be every six months. If the result of any six month monitoring demonstrates that the fuel does not meet the fuel sulfur content limit, weekly monitoring shall resume until compliance is demonstrated for eight consecutive weeks.
AQ-44	**Startup/ Ops**	The following test methods shall be used: NOx - EPA Method 7E or 20 or CARB Method 100; CO - EPA Method 10 or 10B or CARB Method 100; VOC - EPA Method 18 or 25; PM10 - EPA Method 5 (front half and back half) or 201 and 202a; ammonia - BAAQMD ST-1B; and O2 - EPA Method 3, 3A, or 20 or CARB Method 100. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rules 1081 and 4703, 40 CFR 60.4400(1)(i)]	The project owner shall submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-39.	SJVAPCD	15d prior source test date	TID/ Aeros	5/20/12	5/1/12		Submitted	Source test scheduled for June 4, through June 8, 2012. **Source test protocol submitted to SJVAPCD on 4/24/12. Protocol submitted to CEC via email on 5/1/12.**
AQ-45	**Startup/ Ops**	Fuel sulfur content shall be monitored using one of the following methods: ASTM Methods D1072, D3246, D4084, D4468, D4810, D6228, D6667 or Gas Processors Association Standard 2377. [40 CFR 60.4415(a)(1)(i)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-46	**Startup/ Ops**	The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]	The project owner shall submit the report of the source test results to both the District and CPM within 60 days of the last day of tests.	SJVAPCD	Within 60d of testing	TID/ Aeros	8/8/12			Not Started	**Source test scheduled for June 4, through June 8, 2012.**
AQ-47	**Constr/ Ops**	A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201 and 4703]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	

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AQ-48	**Constr/ Ops**	The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NOx, CO and O2 concentrations. Continuous emissions monitor(s) shall monitor emissions during all types of operation, including during startup and shutdown periods, provided the CEMS passes the relative accuracy requirement for startups and shutdowns specified herein. [District Rules 1080, 2201 and 4703, 40 CFR 60.4340(b)(1) and 40 CFR 60.4345(a)]	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring system is properly installed and operational.	N/A		TID				N/A	If relative accuracy of CEMS cannot be demonstrated during startup conditions, CEMS results during startup and shutdown events shall be replaced with startup emission rates obtained from source testing to determine compliance with emission limits contained in this document.
AQ-49	**Constr/ Ops**	The NOx and O2 CEMS shall be installed and certified in accordance with the requirements of 40 CFR Part 75. The CO CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specification 4A (PS 4A), or shall meet equivalent specifications established by mutual agreement of the District, the CARB, and the EPA. [District Rule 1080 and 40 CFR 60.4345(a)]	The project owner shall submit to the CPM and APCO CEMS audits demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-50	**Constr/ Ops**	The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each 15-minute quadrant of the hour or shall meet equivalent specifications established by mutual agreement of the District, the CARB and the EPA. [District Rule 1080 and 40 CFR 60.4345(b)]	The project owner shall submit to the CPM and APCO CEMS audits demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-58	**Constr/ Ops**	The exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples consistent with EPA test methods and shall be equipped with safe permanent provisions to sample stack gases with a portable NOx, CO, and O2 analyzer during District inspections. [District Rule 1081]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	The sampling ports shall be located in accordance with the CARB regulation titled California Air Resources Board Air Monitoring Quality Assurance Volume VI, Standard Operating Procedures for Stationary Emission Monitoring and Testing.
AQ-71	**Constr**	The District has authorized to use SOx reductions to offset emissions increase in PM10 at SOx/PM10 interpollutant offset ratio of 1.00. [District Rule 2201]	No verification necessary	N/A						N/A	
AQ-72	**Constr**	Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 or Rule 8011. [District Rules 8011 and 8021]	A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report (AQ-SC3).	SJVAPCD	MCR	Sam				Ongoing	

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AQ-73 (Part 2 and 3 of 3)	**Pre-Constr/ Constr**	Final Dust Control Plan - An owner/operator shall submit a Dust Control Plan to the APCO prior to the start of any construction activity on any site that will include 10 acres or more of disturbed surface area for residential developments, or 5 acres or more of disturbed surface area for non-residential development, or will include moving, depositing, or relocating more than 2,500 cubic yards per day of bulk materials on at least three days. [District Rules 8011 and 8021]	1) The final Dust Control Plan shall be included within the Air Quality Construction Mitigation Plan and submitted to the District and CPM not less than 30 days prior to the start of any construction activity. 2) Written notification to air district w/in 10 days prior to earth moving; 3)provide names and contact info for all contractors and subs before they start work at the site 4) A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report (AQ-SC3).	SJVAPCD	1) 30d prior to earth moving; 2) 10d prior to earth moving 3) In MCRs	Sierra (site /tline) PG&E gas pipeline	2/15/11	11/18/2010 12/9/10 2/25/11 3/29/11	11/19/2010 4/14/11	Submitted/ Ongoing	**Dust plan submitted to SJVAPCD by Sierra on 11/8/10. Plan submitted to CEC on 11/18/10. Approved by the CEC via email from Dale Rundquist on 11/19/10. Dust plan conditionally approved by air district on Dec. 9, 2010. Copy of air district conditionally approval letter submitted to CEC on 12/16/10. Required info sent to air district on 2/16/11. 2/18/11 Final approval from Air District rec'd. 2/24/11 start of construction notification submitted to air district. 2/25/11 SJVAPCD documentation sent to CEC. PG&E Dust plan submitted to air district by PG&E on 3/28/11. Approved by Air District on 4/19/11. PG&E plan submitted to CEC on 3/29/11. Approved by CEC on 4/14/11. Air District approval submitted to CEC on 5/6/11. Approved by CEC on 5/9/11.**
AQ-74	**Constr**	An owner/operator shall prevent or clean up any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 or Rule 8011. [District Rules 8011 and 8041]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-75	**All**	Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 or Rule 8011. [District Rules 8011 and 8051]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-76	**All**	Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 or Rule 8011. [District Rules 8011 and 8061]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-77	**Constr**	Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-78	**Constr**	Where dusting materials are allowed to accumulate on paved surfaces, the accumulation shall be removed daily or water and/or chemical/organic dust stabilizers/suppressants shall be applied to the paved surface as required to maintain continuous compliance with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011 and limit Visible Dust Emissions (VDE) to 20% opacity. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	

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AQ-79	**Constr**	On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, permittee shall apply water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-80	**Constr**	Whenever any portion of the site becomes inactive, Permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011. [District Rules 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-81	**Constr/ Ops**	Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. [District Rules 8011, 8031 and 8071]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID/ PG&E				Not Started	**Records shall be kept for one year following project completion that results in the termination of all dust generating activities.**
AQ-82	**Constr/ Ops**	The owners and operators of each affected source and each affected unit at the source shall have an Acid Rain permit and operate in compliance with all permit requirements. [40 CFR 72]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	**Monitoring plan submitted to EPA and Air District week of April 9th. CEMS certificaton test notificaiton submitted to EPA and Air District on 4/17/12. CEMS certification test scheduled for 4/26/12.**
BIO-1 (Part 2 of 2)	**Constr/ Ops**	Designated Biologist Replacement.	If a Designated Biologist needs to be replaced, the specified info about the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	N/A	10d prior release or termination, if occurs	CH2				Not Started	
BIO-2 (part 1 of 2)	**Constr**	Designated Biologist Duties: The project owner shall ensure that the Designated Biologist performs the activities and duties outlined in BIO-2 during any site mobilization, ground disturbance, grading, construction, operation, and closure activities. **See BIO-2 for required biologist duties and activities.**	1) Designated Biologist shall submit in MCR copies of all written reports and summaries that document biological resources activities. 2) The Designated Biologist shall notify the CPM, CDFG and USFWS of any project-related take of state or federally listed species within 24 hours. 3) Report sensitive species sightings to CA Natural Diversity Database (CNDDB) where appropriate. 4) Notify the project owner and CPM of any noncompliance with any biological resource condition of certification.	CEC, CDFG, USFWS, if take CNDDB	1) in MCRs 2) within 24 hours, if take occurs; 3) if sightings; 4) If occurs	CH2				MCR/ Ongoing	The Designated Biologist may be assisted by approved biological monitors, but remains the contact for the project owner, the CPM, CDFG and USFWS.

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Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
BIO-3 (part 2 of 2)	**Constr**	Additional Biological Monitor Selection:	3) If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval 10 days prior to their first day of monitoring activities. 4) The Designated Biologist shall submit a written statement to the CPM confirming that the individual biological monitors have been trained, including the date when training was completed.	N/A	3) 10d prior 1st day of monitoring; 4) After training	CH2		2/25/11 8/23/11 8/29/11 9/1/11	3/1/2011 8/25/11 8/30/11 9/7/11	Ongoing	**Resumes for biological monitors Tom Davis and Daniel Weinberg were submitted to CEC by CH2MHill on 2/25/11. Bio Monitors approved by CEC via email from Dale Rundquist on 3/1/11. Resume of Shawn Lockwood submitted to the CEC for approval on 8/23/11. Approved by the CEC on 8/25/11. Resumes for Beth Sorelli and Bridget Canty were submitted on 8/29/11. Approved via email from Christine Stora on 8/30/11. Resumes for Sophia Chang and Melissa Fowler were submitted on 9/1/11. Approved by CEC via email from Christine Stora on 9/7/11.**
BIO-4	**All**	Designated Biologist and Biological Monitor Authority: The project owner's construction/operation managers shall act on the advice of the Designated Biologist and Biological Monitors to ensure conformance with the biological resources conditions of certification. **See BIO-4 for specific biologist duties.**	1) The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately (and no later than the following morning of the incident, or Monday morning in case of a weekend) of any non-compliance or a halt. 2) The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	N/A	Immediately if occurs	CH2				Ongoing	If required by the Designated Biologist and Biological Monitors, the project owner's construction/operation managers shall halt site mobilization, ground disturbance, grading, construction and operation activities in areas specified by the Designated Biologist.
BIO-5 (part 3 of 4)	**Constr**	WEAP Reporting	3) The project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	N/A	3) In MCRs	Susan/CH2				Ongoing	The signed training acknowledgement forms from construction shall be kept on file by the project owner for a period of at least six months after the start of commercial operation.
BIO-6 (part 2 of 2)	**Constr**	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP):	3) Implementation of BRMIMP measures shall be reported in the MCRs by the Designated Biologist (i.e. survey results, construction activities that were monitored, species observed). 4) Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction closure report. **See BIO-6 for closure report requirements.**	N/A	3) In MCRs; 4) 30d after construction completion	CH2	4/20/12	6/6/11	6/14/11	In progress	**BRMIMP Modifications:** The project owner shall notify the CPM no less than five working days before implementing any modifications to the approved BRMIMP. Any changes to the BRMIMP must be approved by the CPM before implementation. The project owner shall provide copies to any modifications to the USFWS and CDFG for review and comment. **Revised BRMIMP adding Frac-Out Plan submitted 6/6/11. Revised BRMIMP approved by CEC on 6/14/11.**
BIO-7	**Constr**	Impact Avoidance Mitigation Features: The project owner shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources. **See BIO-7 for specific requirements.**	1) Implementation of the measures shall be reported in the Monthly Compliance Reports by the Designated Biologist. 2) Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures were completed.	N/A	1) in MCRs; 2) Within 30d after construction	CH2	6/30/12			MCR/Not Started	All mitigation measures and their implementation methods shall be included in the BRMIMP
CUL-7 (Part 1 of 2)	**Constr**	The project owner shall submit the final Cultural Resources Report (CRR) to the CPM for approval. The CRR shall be written by or under the direction of the CRS and shall be provided in the ARMR format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) forms, data recovery reports, and any additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the final CRR.	1) Within 90 days after completion of ground disturbance (including landscaping), submit the final CRR to CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix. 2) Within 90 days after completion of ground disturbance (including landscaping), if cultural materials requiring curation were generated or collected, provide copy of agreement with or other written commitment from a curation facility. 3) Within 10 days after CPM approval, the project owner shall provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, and the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies.	SHPO, CHRIS, Curating institution	1) Within 90d after completion of ground disturb; 2) Within 90d after completion of ground disturb; 3) within 10d of CPM approval	CH2	7/31/12			Not Started	Any agreements concerning curation will be retained and available for audit for the life of the project. ### If the project owner requests a suspension of ground disturbance and/or construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval within 24 hours ***(conflicts with verification, which allows 30 days***) of the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until ground disturbance and/or construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.

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CUL-8 (Part 2 of 2)	**Constr**	For the duration of ground disturbance, the project owner shall provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site, along the linear facilities routes, and at laydown areas, roads and other ancillary areas.	3) Monthly, until ground disturbance is completed, provide in the MCR the WEAP Training Acknowledgement forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	N/A	3) in MCRs	Susan/ CH2				On going	The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. ### A sticker shall be placed on hardhats indicating that environmental training has been completed. ### The training may be discontinued when ground disturbance is completed or suspended, but must be resumed when ground disturbance, such as landscaping, resumes.
HAZ-1	**All**	The project owner **shall not use any hazardous material not listed** in Appendix B of the Hazardous Materials Management section, or in greater quantities or strengths than those identified by chemical name in Appendix B, **unless approved in advance by the CPM.**	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	N/A	In ACRs	TID				Not Started	
HAZ-2	**Constr**	The project owner shall revise and update the current Hazardous Materials Business Plan (HMBP), Risk Management Plan (RMP), Spill Prevention, Control, and Countermeasure Plan (SPCC Plan), and Process Safety Management Plan (PSMP) and submit the revised plans to the Stanislaus County Environmental Resources Hazardous Materials Division (SCER-HMD) for review and comment and to the CPM for review and approval.	At least 60 days prior to the start of commissioning of the A2PP, the project owner shall provide a copy of a final updated HMBP, RMP, SPCC Plan, and the PSMP to the CPM for approval.	SCER-HMD	60d prior start of commissioning	TID	1/1/12	1/10/12	3/15/12	Complete	**The timing of this condition has been changed to prior to commissioning based on phone conversation and follow-up email with Alvin Greenburg. ### HBMP and SPCC submitted to CEC on 1/10/12 with cover letter transmitting plan to County. Based on call with Beronia Beniamine on Jan. 4, 2012, the County will review the plans when it conducts its A2PP inspection later this year. ### Approved via email from Bruce Boyer on 3/15/12.**
HAZ-3 (Part 2 of 3)	**Constr**	The project owner shall develop and implement a Safety Management Plan for delivery of anhydrous ammonia and other liquid hazardous materials by tanker truck. See **HAZ-3 for plan requirements.**	This plan shall be applicable during construction, commissioning, and operation of the power plant.	N/A	N/A	TID				Ongoing	
HAZ-4 (Part 1 of 2)	**Constr**	The project owner shall direct all vendors delivering anhydrous ammonia to the site to use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-331.	1) Provide this direction in a letter to the vendor(s) at least thirty (30) days prior to the receipt of anhydrous ammonia on site. 2) At least 30 days prior to the start of commissioning, submit to the CPM for review and approval copies of the notification letter to supply vendors indicating the transport vehicle specifications.	N/A	1) 30d prior receipt of anhydrous ammonia; 2) 30d prior commiss.	TID	2/20/12	2/24/12	3/16/12	Complete	**6/29/11 conversation between Susan Strachan and Alvin Greenberg. Alvin approved notification to vendors can be included in TID P.O. with vendors. Submittal provided to Bruce Boyer via email on 2/24/12. Submittal approved via email from Bruce Boyer on 3/16/12.**
HAZ-5 (Part 1 of 2)	**Constr**	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM. Trucks will travel on SR-99 to Crows Landing Road to the power plant site. Vendors shall be prohibited from transporting anhydrous ammonia to the site at times that will coincide with regular school bus traffic along Crows Landing Road.	1) Consult with school district and obtain evidence of consultation for submittal to the CPM. 2) Send letters to the vendors about time of day limitations, and route restriction. 3) At least 30 days prior to the start of commissioning of the A2PP, submit to the CPM for review and approval copies of a) notices to hazardous materials vendors describing the required transportation route, b) the contract with the anhydrous ammonia vendor describing the time of day limitation on deliveries, and c) evidence that officials of the Ceres Unified School District have been consulted.	N/A	1) TBD; 2) TBD; 3) 30d prior start of commiss.	TID	2/20/12	2/24/12	3/16/12	Complete	The project owner shall obtain approval of the CPM if an alternate route is desired. The project owner shall also consult with officials of the Ceres Unified School District regarding school bus schedules and shall prohibit vendors through contractual language from transporting anhydrous ammonia to the site at times that would coincide with regular school bus traffic along Crows Landing Road. Susan: Submittal of letters to the CPM is for review and approval. Clarify if letter is to be sent to CPM for approval prior being sent to the vendors.**### Based on 6/29/11 conversation with Alvin Greenberg, only chemicals transported in tank containers are covered in the condition. Submittal provided to Bruce Boyer via email on 2/24/12. Submittal approved via email from Bruce Boyer on 3/16/12.**

CPM=Compliance Project Manager; MCR=Monthly Compliance Report; ACR=Annual Compliance Report; 15d=15 days

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HAZ-7 (Part 1 of 2)	**Constr**	The project owner shall revise and update the existing site-specific operations security plan and make it available to the CPM for review and approval. The project owner shall continue to implement existing site security measures that address physical site security and hazardous materials storage. **The level of security to be implemented shall not be less than that described in Condition HAZ-7 (as per NERC 2002).**	1) At least 30 days prior to the start of commissioning of the A2PP, notify the CPM that a revised and updated site-specific operations site security plan is available for review and approval.	N/A	1) 30d prior commiss.	CH2 SAC	2/16/12	11/22/11		Submitted	The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans. The CPM may authorize modifications to these measures, or may require additional measures such as protective barriers for critical power plant components—transformers, gas lines, and compressors—depending upon circumstances unique to the facility or in response to industry-related standards, security concerns, or additional guidance provided by the U.S. Department of Homeland Security, the U.S. Department of Energy, or the North American Electrical Reliability Council, after consultation with both appropriate law enforcement agencies and the applicant.**### Letter stating that plan is available for CEC review submitted on 11/22/11.**
LAND-1	**Constr**	The project owner shall complete a lot line adjustment and record of survey for filing with the City of Ceres and Stanislaus County to ensure construction and operation of the Almond 2 Power Plant on a legal parcel of land. The record of survey shall be filed by a licensed land surveyor or registered civil engineer authorized to practice land surveying.	Prior to commercial operation, provide written documentation to the CPM that all necessary actions and approvals relating to the lot line adjustment and record of survey have been completed and finalized. Written documentation submitted to the CPM shall include copies of all approved and recorded documents relating to the lot line adjustment and record of survey.	city of Ceres and Stanislaus County	Prior commercial operation	TID	6/1/12			In Progress	Survey methods, practices, and monumentation shall comply with the Subdivision Map Act and the Professional Land Surveyors Act. Note***: Actual due date isn't specified other than prior to commercial operation.***
LAND-2	**Constr**	The project owner shall ensure restoration of certain agricultural lands that are disturbed during project construction. Restoration of ag lands disturbed during project construction shall not interfere with maintenance of PG&E's natural gas pipeline within the existing easements. Any lands that are identified by the Farmland Mapping and Monitoring Program as Important Farmland or located within agricultural preserves shall be restored such that no conversion of important Farmland occurs.	1) Before the start of any project construction work on agricultural lands, submit written documentation to CPM describing methods that will be used to restore the affected lands. 2) Within 90 days of completion of construction of the Almond 2 Power Plant and related facilities, provide written documentation to the CPM demonstrating that all necessary work to restore disturbed agricultural lands has been completed. Written documentation shall include detailed descriptions of restoration methods and corresponding maps for affected areas.	N/A	1) Prior construction on ag land; 2) Within 90d of completion of construction of A2PP	PG&E	2) 6/20/12	3/25/2011 4/20/11	4/21/11	1)Complte 2) In progress	Methods to restore affected agricultural lands shall include stock piling of top soil for replacement when project construction is completed. Restoration shall include grading and preparation for cultivation of affected areas and topsoil replacement. **###3/25/11PG&E Restoration Plan submitted to the CEC. CEC comments rec'd via email from Dale Rundquist on 4/14/11. Comments emailed to Tom Johnson, PG&E 4/14/11. Revised Land-2 plan submitted to CEC on 4/20/11. Restoration Plan approved via email from Dale Rundquist on 4/21/11.**
NOISE-2	**All**	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. **See Condition NOISE-2 for complaint handling and reporting requirements.**	1) Within five days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, with the CPM, documenting the resolution of the complaint. 2) If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	N/A	1) Within 5d of receiving a noise complaint; 2) If mitigation required	TID				Not Started	Use Noise Complaint Resolution Form or functionally equivalent procedure acceptable to CPM to document and respond to each noise complaint. Attempt to contact person(s) making noise complaint within 24 hour, or 72 hours if the complaint is made over the weekend. Conduct investigation to determine source of noise. If project related take all feasible measures to reduce noise at its source. Submit report document complaint and actions taken.
NOISE-4	**Constr**	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to operation of the project alone will not exceed the limits outlined in Condition NOISE-4**. See Noise-4 for noise limits, measurement locations, and other requirements.**	1) Within 30 days of project first achieving a sustained output of 85% or greater of rated capacity, conduct a 25-hour community noise survey. 2) Within 15 days after completing survey, submit a summary report to CPM including any additional mitigation and a schedule for implementing mitigation measures, subject to CPM approval. 3) If mitigation measures are necessary, when they are in place, the project owner shall repeat the noise survey.	N/A	1) 30d of sustained output of 85% capacity; 2) 15d after survey; 3) after mitigation	Ch2	7/2012 - 8/2012			Not Started	No new pure-tone components shall be caused by the project. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. If results from the survey indicate noise exceeds the levels outlined in NOISE-4, or that pure tones are present, mitigation measures shall be implemented to reduce noise to level of compliance with the limits in NOISE-4 and/or eliminate the pure tones.

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NOISE-5	**Constr**	Following the project first achieving a sustained output of 85% or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	1) Following the project first achieving a sustained output of 85 percent or greater of rated capacity, conduct an occupational noise survey. 2) Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM including mitigation measures if necessary. The project owner shall make the report available to OSHA and Cal-OSHA upon request.	OSHA and Cal-OSHA upon request	1) following sustained output of 85% rated capacity; 2) 30d after survey	CH2	7/2012 - 8/2012			Not Started	The survey shall be conducted by a qualified person in accordance with provisions listed in NOISE-5.
NOISE-6 (Part 2 of 2)	**Constr**	Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to 7 a.m. to 8 p.m.	N//A	N/A		TID/ PGE				Ongoing	Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.
SOIL & WATER-1 (Part 2 of 2)	**Constr**	The project owner shall comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with construction activity.	3) Submit copies to CPM of all correspondence between the project owner and the Central Valley Regional Water Quality Control Board (RWQCB) regarding the General NPDES permit for the discharge of storm water associated with construction activities, including Notice of Termination sent to the State Water Resources Control Board.	RWQCB	By Sept. 1 of each and as necessary.	TID	9/1/11	9/1/11 10/11/11		Ongoing	**An Annual Report will be prepared, certified, and electronically submitted to SMARTS by TID no later than Sept. 1 of each year. 9/1/11 submitted SMARTS forms to CEC. 10/11/11 submitted annual report.**
SOIL & WATER-2 (Part 2 of 3)	**Constr**	Site-specific Drainage, Erosion and Sedimentation Control Plan (DESCP)	2) During construction, the project owner shall provide an analysis in the monthly compliance report on the effectiveness of the drainage-, erosion- and sediment-control measures and the results of monitoring and maintenance activities.	N/A	2) in MCRs	TID/ PG&E				Ongoing	The operational SWPPP may be combined with the DESCP in an effort to simplify the annual compliance reporting and CPM review. A combined DESCP/SWPPP would be verified under SOIL&WATER-3.
SOIL & WATER-3 (Part 1 of 2)	**Constr**	The project owner shall comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the site. The project owner shall ensure that only stormwater is discharged onto the site. The project owner shall comply with the requirements of the general NPDES permit for discharges of storm water associated with industrial activity.	1) At least 30 days prior to commercial operation, submit the operational Storm Water Pollution Prevention Plan for the A2PP site to the CPM. 2) Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the RWQCB about the general NPDES permit for discharge of storm water associated with industrial activity. This information shall include a copy of the notice of intent sent by the project owner to the State Water Resources Control Board.	RWQCB	1) 30d prior commercial ops; 2) within 10d of receipt	TID	5/1/12	2/16/2012 3/28/12		Sumbitted	A letter from the RWQCB indicating that there is no requirement for a general NPDES permit for discharges of storm water associated with industrial activity would satisfy this condition. **### 02/16/12 Notice of Non-Applicability submitted by CH2 to RWQCB. RWQCB approval submitted to CEC on 3/28/12.**

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SOIL & WATER-4 (Part 1 of 2)	**Constr**	Water used for project operation processing shall exclusively be reclaimed water from the City of Ceres Wastewater Treatment Plant. **Pumping or purchasing groundwater for this supply source is prohibited. See Soil & Water-4 for requirements.**	1) At least 60 days prior to commercial operation of A2PP, the project owner shall submit to the CPM evidence that metering devices are operational on the water supply and distribution systems.	N/A	60d prior commercial ops	TID	6/30/12			In progress	The project owner shall maintain metering devices as part of the water supply and distribution systems to monitor and record, in gallons per day, the total volume(s) of water supplied to A2PP from the City of Ceres.
TRANS-3 (Part 2 of 2)	**Constr**	Road Mitigation--The project owner shall prepare a mitigation plan for Crows Landing Road; Service Road; Whitmore Avenue; Hatch Road; and Mitchell Road. **See TRANS-3 for specific plan requirements.**	If a roadway(s) has been damaged as a result of project construction, within 90 days following the completion of construction, the project owner shall provide photo/videotape documentation to the city of Ceres Public Works Department, Caltrans, County of Stanislaus Public Works Department and the CPM that the identified damaged sections of roadways have been restored to their pre-project condition.	Caltrans, County of Stanislaus Public Works, City of Cerres Public Works	If damaged, within 90d after construction complete	TID	6/20/12			Not Started	The intent of this plan is to ensure that if these roadways are damaged by project construction, they will be repaired and reconstructed to original or as near original condition as possible.
TLSN-1	**Constr/ Pre-t-line constr**	The project owner shall construct the proposed new 115-V line and upgrade the identified 69-kV according to the requirements of CPUC's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, and Section 2700 through 2974 of the California Code of Regulations and TID's EMF-reduction guidelines.	At least 30 days before starting construction of the transmission lines or related structures and facilities, submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the Condition.	N/A	30d prior construction of t-lines or related facilities	TID	8/15/11	8/19/11	3/8/12	Complete	**Letter signed by Ed Jeffers (TID) mailed to CEC on 8/19. Emailed to Christine Stora on 8/22/11. Approved by Bruce Boyer via email on 3/6/12. Email states condition is "ongoing in compliance."**
TLSN-3	**Constr**	The Project Owner shall use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity identified by the applicant on page 3-27, and in Figures 3.1-5A through 3.15-5F.	1) Measure before lines are energized and submit the field measurement results to the CPM within 60 days of completion. 2) Measure after lines are energized **no later than 6 months after the start of operations,** and submit the field measurement results to the CPM within 60 days of completion.	N/A	1) before energized & 60d after measure 2) within 6 months after ops & 60d after measure	TID	01/12 2/13 4/13	1/10/12		Submitted	The measurements shall be made before and after energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures. **01/10/12 Pre-Energization measurements submitted to the CEC.**
TLSN-5	**Constr**	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this Condition.	N/A	30d before t-line is energized	TID	3/1/12	2/24/12	3/15/12	Complete	**TID letter in compliance with condition submitted via email on 2/24/12**

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Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
VIS-1	**Constr**	The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts. **(See VIS-1 for specific construction lighting requirements.)**	1) Within 7 days after first using construction lighting, notify CPM lighting ready for inspection. 2) If modifications are required they must be implemented within 15 days. Notify CPM that modifications completed. 3) Within 48 hours of receiving lighting complaint provide CPM with a complaint resolution form report, as specified in the General Conditions section, including a proposal to resolve the complaint, and a schedule for implementation. 4) Notify CPM within 48 hours of completing implementation of proposal. 5) Provide copy of completed complaint resolution form in next MCR.	N/A	1) 7d after 1st use of construction lights; 2) 15d of notification; 3) Within 48 hours of complaint; 4) Within 48 hours of resolution; 5) in next MCR	TID				Not Started	
VIS-2 (part 1 of 2)	**Constr**	Permanent Exterior Lighting: To the extent feasible, consistent with safety and security considerations, the project owner shall design and install all permanent exterior lighting such that (a) lighting does not cause excess reflected glare; (b) direct lighting does not illuminate the nighttime sky; (c) illumination of the project and its immediate vicinity is minimized; and (d) the plan complies with local policies and ordinances. **SEE VIS-2 for lighting mitigation plan requirements.**	1) At least 90 days prior ordering permanent exterior lighting, contact CPM to determine documentation required for lighting mitigation plan. 2) At least 60 days prior to ordering any permanent exterior lighting, submit to CPM for review and approval and to city of Ceres Development Services Department for review and comment a lighting mitigation plan. 3) Prior to commercial operation, notify CPM that lighting has been completed and is ready for inspection. **	city of Ceres Development Services Department	1) 90d prior ordering exterior lighting; 2) 60d prior order; 3) prior commercial operation	TID/ Susan	3) 8/2012	6/14/11	7/6/2011 7/12/11	Plan Approved	** If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification, the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.**###Submitted to CEC and City of Ceres on 6/14/11. 6/28/11 CEC comments on plan rec' via email from Melissa Mourkas. 7/6/11 response to comments submitted to Melissa. 7/6/11 approval of plan from Melissa Mourkas rec'd via email. Approved by CEC via email from Mary Dyas on 7/12/11.**
VIS-3	**Constr**	The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their color(s) minimize(s) visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. **See VIS-3 for surface treatment plan requirements.**	1) At least 90 days prior commercial operation, submit treatment plan to city of Ceres Development Services Department for review and comment and to CPM for review and approval. Provide a copy of city submittal and city comments to CPM within 60 days of the start of construction**.** If CPM notifies project owner that any revisions of plan are needed, submit revised plan to the CPM within 30 days of receiving that notification. 2) Complete surface restoration within 60 days after start of commercial operation. Notify CPM within seven days after completion of surface restoration that restoration is ready for inspection. 3) Within 90 days after commercial operation, notify CPM that surface treatment of all listed structures and buildings has been completed and are ready for inspection, and shall submit one set of electronic color photographs from KOP identified in VIS-3.	city of Ceres Development Services Department	1) 90d prior commercial operation; within 60d of start of construction**? ?** 2) within 60d of commercial ops & 7d after restoration; 3) within 90d after commercial operation	TID	3) 12/12	4/29/11	5/6/11	Plan Approved	Subsequent modifications to the treatment plan are prohibited without CPM approval. **Plan submitted to CECand City of Ceres on 4/29/11. Approved by CEC via email on 5/6/11.**
WASTE-2	**Constr**	If potentially contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Professional Engineer or Professional Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Dept. of Toxic Substances Control, and CPM stating the recommended course of action.	1) If potentially contaminated soil is identified, provide a written report to the project owner, representatives of Dept. of Toxic Substances Control, and CPM stating the recommended course of action. 2) The project owner shall submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM within 5 days of their receipt. 3) The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	DTSC if necessary	1) If contaminated soil identified; 2) Within 5d of their receipt; 3) Within 24 hours of halt	CH2/ PG&E				Not Started	Depending on the nature and extent of contamination, the Professional Engineer or Professional Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. **If, in the opinion of the Professional Engineer or Professional Geologist, significant remediation may be required, the project owner shall contact the CPM and representatives of the Department of Toxic Substances Control for guidance and possible oversight.**
WASTE-4	**All**	Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	N/A	Within 10d of becoming aware of enforcement action	TID/ PG&E				Not Started	

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WASTE-7	**All**	The project owner shall ensure that all spills or releases of hazardous substances, hazardous materials, or hazardous waste are reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements. **See WASTE-7 for documentation and reporting requirements.**	Document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	N/A	Within 30d, if occurs	TID/ PG&E		7/6/2011 2/24/12 3/28/12	8/12/11	Approved/ Ongoing	**7/6/11 submitted to CEC small diesel fuel spill info. Approved by CEC via email from Mary Dyas on 8/18/11. 2/24/12 submitted to CEC info on two hydraulic leaks during January. Info submitted to CEC on 3/28/12 regarding two oil leaks on the site which occurred in February.**
WORKER SAFETY-2	**Constr**	The project owner shall submit to the CPM a copy of the revised and updated Project Operations and Maintenance Safety and Health Program containing: an Operation Injury and Illness Prevention Plan; an Emergency Action Plan; Hazardous Materials Management Program; Operations Fire Prevention Program; and a Personal Protective Equipment Program.	1) Submit Operations Fire Prevention Plan, Hazardous Materials Management Program & Emergency Action Plan to Ceres Emergency Services-Fire Division for review and comment. 2) At least 30 days prior first-fire or commissioning, submit required plans to the CPM for approval. Provide a copy of a letter to the CPM from the CFD stating the Fire Dept.'s comments on the Operations Fire Prevention Plan and Emergency Action Plan.	Ceres Emergency Services-Fire Division (CFD)	1) TBD; 2) 30d prior fire-fire/ commiss.	TID	2/20/12	2/16/2012 02/17/12 03/28/12	4/24/12	Complete	**Submitted to CEC by CH2MHill on 2/16/12. Submitted to Ceres Fire by TID on 2/17/12. Submitted Ceres Fire approval letter to CEC (Bruce Boyer via email on 3/28/12. Approved 4/24/12 via email from Bruce Boyer.**
WORKER SAFETY-3 (part 2 of 2)	**Constr**	The CSS shall submit in the MCR a monthly safety inspection report.	2) The contact information of any replacement CSS shall be submitted to CPM within one business day. 3) Submit monthly safety inspection report in each MCR during construction.	N/A	2) within 1 business day of replacing CSS 3) in MCRs	PMI		3/23/12	3/26/12	Ongoing	The safety inspection report is to include: record of all employees trained that month; summary report of safety management actions and safety-related incidents that month; any continuing or unresolved situations and incidents that may pose danger to life or health; and accidents and injuries that occurred during the month.**### Devin Chapin's resume submitted to CEC on 3/23/12 to serve as CSS during commissioning. Approved via phone call from Rick Tyler on 3/26/12. Approved via email from Chris Marxem on 3/26/12.**
WORKER SAFETY-4 (Part 2 of 2)	**Constr**	The project owner shall make payments to the Chief Building Official (CBO) for services of a Safety Monitor.	1) Make payments as per agreement. 2) The Safety Monitor shall be selected by and report directly to the CBO, and will be responsible for verifying that the Construction Safety Supervisor, as required in WORKER SAFETY-3, implements all appropriate Cal/OSHA and Commission safety requirements.	CBO	1) As per agreement; 2) during construction	TID				Ongoing	The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.
WORKER SAFETY-5 (Part 2 of 3)	**Constr**	The project owner shall ensure that a portable automatic cardiac defibrillator (AED) is located on site during construction and operations and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times.	2) During construction and commissioning, the following persons shall be trained and shall be on-site whenever the workers that they supervise are on-site: the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen.	N/A	2) during construction	PMI				Ongoing	

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GEN-1	**All**	The project owner shall design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously).	1) Within 30 days after receipt of the Certificate of Occupancy, submit to CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met in the area of facility design. 2) Provide CPM a copy of Certificate of Occupancy within 30 days of receipt from CBO. 3) Once the Certificate of Occupancy has been issued, inform CPM at least 30 days prior to any construction, addition, alteration, moving, or demolition to be performed on any portion(s) of the completed facility which may require CBO approval for the purpose of complying with the above stated codes. The CPM will then determine if the CBO needs to approve the work.	CBO	1) and 2) Within 30d after receipt of the Certificate of Occupancy; 3) at least 30d prior addition, alteration, etc. to completed facility	TID	2) 3/23/12			Ongoing	In the event that the initial engineering designs are submitted to the CBO when the successor to the 2007 CBSC is in effect, the 2007 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed in GEN-1. **### The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility.**
GEN-2 (part 2 of 2)	**Constr**	Facility design submittals, Master Drawing List and Master Specifications List.	2) The project owner shall provide schedule updates in the Monthly Compliance Report.	CBO	2) in MCRs	CH2				Ongoing	
GEN-3	**Constr**	The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, based upon a reasonable fee schedule to be negotiated between the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.	CBO	Make payment(s) as agreed	TID				Ongoing	These fees may be consistent with the fees listed in the 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, Section 108.4, Permits, Fees, Applications and Inspections), adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.
GEN-4 (Part 2 of 2)	**Constr**	Resident Engineer. **See GEN-4 for resident engineer responsibilities.**	3) If RE or delegated engineer(s) are reassigned or replaced, within five days submit resume and registration number of newly assigned engineer to CBO for review and approval. 4) Notify CPM of CBO's approval of new engineer(s) within five days of approval.	CBO	3) within 5 days if replaced or reassigned; 4) within 5 days after approval	TID				Not Started	**The resident engineer shall have the authority to halt construction and to require changes or remedial work if the work does not meet requirements.**
GEN-5 (Part 2 of 2)	**Constr**	Replacement or reassignment of engineers.	4) If any one of the designated responsible engineers is reassigned or replaced, within five days submit the resume and registration number of the newly assigned engineer to CBO for review and approval. 5) Notify CPM of CBO's approval of new engineer within five days of approval.	CBO	4) within 5 days if replaced or reassigned; 5) within 5 days after approval	TID				Not Started	**No segment of the project shall have more than one responsible engineer.**
GEN-6	**Constr**	Prior to the start of an activity requiring special inspection, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). **See GEN-6 for special inspector responsibilities.**	1) At least 15 days (or within a project owner- and CBO-approved alternative timeframe) prior start of activity requiring special inspection, submit to CBO for review and approval, with a copy to CPM, the name(s)/qualifications of certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth in GEN-6. 2) Submit a copy of CBO's approval of all special inspectors to CPM in next MCR. 3) The special inspector shall furnish inspection reports to the CBO and RE. 4) The special inspector shall submit a final signed report to RE, and CBO stating whether the work was, to best of inspector's knowledge, in conformance with approved plans/specs and the applicable edition of the CBC.	CBO	1) 15d prior special inspection activity or alternate approved date; 2) Next MCR; 3) As occurs; 4) As completed	TID		5/25/2011 4/17/12		Ongoing	If special inspector is reassigned or replaced, within five days submit the name and qualifications of the newly assigned special inspector to CBO for review and approval. Notify CPM of CBO's approval of new special inspector within five days of approval. **### All discrepancies shall be brought to the immediate attention of the RE for correction, then, if uncorrected, to the CBO for corrective action ### Names and qualifications of welding inspectors submitted to CEC 5/25/11. Resume of Gerard Hastings, proposed welding inspector submitted with MCR #5. Name an qualifications of Christopher McConnell as QA/QC inspector submitted to CEC on April 17, 2012.**

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GEN-7	**Constr**	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions.	The project owner shall inform the CPM, in the next monthly compliance report, of any corrective action taken to resolve a discrepancy.	CBO	1) if occurs; 2) in MCR	TID				Ongoing	The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.
GEN-8 (Part 1 of 2)	**Constr**	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents.	1) Within 15 days of the completion of any work, submit to CBO (a) written notice that completed work is ready for final inspection, and (b) a signed statement that work conforms to the final approved plans. 2) After storing final approved engineering plans, specifications and calculations as described above, submit to CPM a letter stating that documents have been stored and indicate the storage location. 3) Within 90 days of completion of construction, provide the CBO with three sets of electronic copies of the documents at the project owner's expense.**	CBO	1) Within 15d of the completion of any work; 2) after storing plans; 3) within 90d of construction completion	TID				Ongoing	**These are to be provided in the form of "read only" files (Adobe .pdf 6.0), with restricted (password protected) printing privileges, on archive quality compact discs. ### The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at an alternative site approved by the CPM during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.
CIVIL-2	**Constr**	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions.	1) The project owner shall submit modified plans, specifications and calculations to the CBO based on these new conditions and obtain approval from the CBO before resuming earthwork and construction in affected area. 2) The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	CBO	1) If occurs; 2) Within 24 hours of stop	TID				Ongoing	
CIVIL-3	**Constr**	The project owner shall perform inspections in accordance with the 2007 CBC, Appendix Chapter 1, Section 109, Inspections, Chapter 17, Section 1704, Special Inspections.	1) If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO and CPM. 2) Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval. 3) Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO. 4) A list of NCRs for the reporting month shall also be included in the following Monthly Compliance Report.	CBO	1) If occurs, immediate notification; 2) Within 5d of discrepancy discovery: 2) within 5d of resolution of NCR; 3) in next MCR	TID				Not Started	All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. ### **If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO and CPM.**
CIVIL-4	**Constr**	After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	1) Within 30 days (or within a project owner- and CBO-approved alternative time frame) of completion of erosion and sediment control mitigation and drainage work, submit to the CBO, for review and approval, final grading plans (including final changes) and responsible civil engineer's signed statement **(See CIVIL-4)**. 2) The project owner shall submit a copy of the CBO's approval to the CPM in the next MCR.	CBO	1) Within 30d of the completion of specified facilities or alternate approved date; 2) in next	CH2	4/30/12			Not Started	

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Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
STRUC-1	**Constr**	Prior to the start of any increment of construction, the project owner shall submit plans, calculations and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications lists. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. **See STRUC-1 for the full list of engineering, submittals, and responsible engineers' requirements.**	1) At least 60 days (or project owner- and CBO-approved alternate time frame) prior start of any structure or component listed in the CBO-approved master drawing and master specifications list, the project owner shall submit to the CBO the final STRUC-1 design plans, specifications and calculations. 2) Submit to the CPM, in next MCR, a list of the structural plans and specifications that have been approved by the CBO.	CBO	1) 60d prior start of structure/component on CBO-approved list or alternate approved date; 2) In next MCR	CH2				Ongoing	Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures to be employed in designing that structure or component.
STRUC-2	**Constr**	The project owner shall submit to the CBO the required number of sets of the documents listed in STRUC-2 related to work that has undergone CBO design review and approval. **See STRUC-2 for specific documents required and for reporting requirements.**	1) Submit docs listed in STRUC-2 to CBO. 2a) If a discrepancy is discovered in any of the STRUC-2 data, within five days, prepare and submit an NCR describing the discrepancies and proposed corrective action to CBO, with a copy of transmittal letter to the CPM. 2b) Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM.	CBO	1) As occurs; 2a) within 5d of discrep.; 2b) within 5d of resolution	CH2				Ongoing/ Not Started	
STRUC-3	**Constr**	The project owner shall submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO.	CBO	On schedule suitable to CBO	CH2				Not Started	
STRUC-4	**Constr**	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that Chapter.	1) At least 30 days (or within a project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, submit to CBO for design review and approval final design plans, specs and calcs, including signed and stamped engineer's certification. 2) The project owner shall include a list of the CBO-approved plans in the following monthly compliance report.	CBO	1) 30d prior installs of tanks or vessels or alternate approved time frame; 2) in MCRs					N/A	
MECH-1	**Constr**	The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. **See MECH-1 for specific requirements.**	1) At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of any increment of major piping or plumbing construction submit to CBO for review and approval the final plans, specs and calc, applicable QA/QC procedures, and including signed and stamped statement from responsible mechanical engineer certifying compliance. 2) Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	CBO	1) 30d prior piping or plumbing construction or alternate approved time frame; 2) in next MCR	CH2				In progress	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. ### The CBO may deputize inspectors to carry out the functions of the code enforcement agency.

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MECH-2	**Constr**	For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal/OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS. **See MECH-2 for requirements.**	1) At least 30 days (or project owner- and CBO-approved alternate time frame) prior start of on-site fabrication or installation of any pressure vessel, submit to the CBO for design review and approval, the MECH-2 listed documents, including a copy of the signed and stamped engineer's certification. 2) Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal/OSHA inspection approvals.	CBO & Cal-OSHA	1) 30d prior fab/install of any pressure vessel or alternate approved time frame; 2) In next MCR	CH2		10/31/11		Submitted	Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal/OSHA inspection of that installation **### Documentation submitted to Cal/OSHA on 10/31/11.**
MECH-3	**Constr**	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. **See MECH-3 for HVAC and submittal requirements.**	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to construction of any HVAC or refrigeration system, submit to CBO required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from responsible mechanical engineer certifying compliance.	CBO	30d prior construction of HVAC or refrigeration system or alternate approved time frame	CH2				In progress	Upon completion of any increment of construction, the project owner shall request CBO's inspection and approval of that construction.
ELEC-1 (Part 1 of 2)	**Constr**	Prior to the start of any increment of electrical construction for all electrical equipment and systems 480 volts and higher (see representative list in ELEC-1) with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations. **See ELEC-1 for required documents and calculations.**	1) At least 30 days (or alternative time frame) prior to start of each increment of electrical construction, submit to CBO for design review and approval the ELEC-1 documents. Include a copy of signed and stamped statement from responsible electrical engineer attesting compliance with applicable LORS. 2) Report the following activities in the MCR: Receipt or delay of major electrical equipment; Testing or energization of major electrical equipment; and, a signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission Decision.	CBO	1a) At least 30d prior to start of each increment of electrical construction or alternate approved date; 2) In MCRs	CH2				Submitted/ Ongoing	The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. ### Upon approval, the listed plans, together with design changes and design change notices, shall remain on the site or another accessible location for the operating life of the project. **Electrical engineers statement submitted with MCR #2 on 5/15/11.**
PAL-1 (Part 2 of 2)	**Constr**	The project owner shall provide the CPM with the resume and qualifications of the Paleontological Resource Specialist (PRS) for review and approval. The project owner shall submit to the CPM to keep on file resumes of the qualified Paleontological Resource Monitors (PRMs).	If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM.	N/A	If occurs	CH2		5/25/2011 8/22/11 9/1/11 9/10/11 01/10/12		Submitted	Prior to the termination or release of a PRS, the project owner shall submit the resume of the proposed new PRS to the CPM for review and approval.**### Resume of Adam Jackson submitted on 5/25/11. Resume of James Verdoff submitted on 8/22/11. 10/3/11 J. Verdoff approved via email from C. Stora. However, add'l info re: resume requested. 9/1/11 resume for Michelle Kay submitted to CEC. 9/19/11 email from C. Stora rec'd with question regarding M. Kay's availability. Response emailed to C. Stora on 9/19/11. 9/10/11 resume for Zack Hruby submitted. 9/20/11 resume for A. Rueles submitted. 9/26/11 question from Christopher Dennis rec'd re: A. Rueles qualifications. 9/27/11 G. Spaulding spoke to C. Dennis to resolve questions. Revised resme for James Verdoff submitted.**
PAL-2 (part 2 of 2)	**Constr**	At a minimum, the project owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed.	2) If project will proceed in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes. 3) At a minimum, ensure that PRS or PRM consults weekly with project superintendent or construction field manager to confirm areas to be worked during the next week, until ground disturbance is complete.	N/A	2) prior start of each phase; 3) Weekly			5/25/11		Submitted	If the footprint of the power plant or linear facility changes, the project owner shall provide maps and drawings reflecting these changes to the PRS at least 15 days prior start of ground disturbance. ### If there are changes to the scheduling of the construction phases, the project owner shall submit a letter to the CPM within 5 days of implementing the changes. **### Letter regarding gas pipeline maps submitted 5/25/11.**

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Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
PAL-4 (part 2 of 2)	**Constr**	For the duration of construction activities involving ground disturbance, the project owner and the PRS shall conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, forepersons and general workers involved with or who operate ground-disturbing equipment or tools.	3) In the MCR, provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	N/A	3) In MCRs	Susan/ CH2				Ongoing	Workers shall not excavate in sensitive areas prior to receiving CPM-approved worker training. Worker training shall consist of a CPM-approved video or an in-person presentation. A sticker that shall be placed on hard hats indicating that environmental training has been completed. ### If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.
PAL-5	**Constr**	The project owner shall ensure that the PRS and PRM(s) monitors consistent with the PRMMP, all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. The project owner shall ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. The project owner shall ensure that there is no interference with monitoring activities unless directed by the PRS. **Monitoring activities shall be conducted as outlined in Condition PAL-5. Also, see Condition PAL-5 for MCR reporting requirements.**	1) Keep daily logs of monitoring of paleontological resource activities and submit summaries in MCRs. 2) When feasible, CPM shall be notified 10 days in advance of any proposed changes in monitoring different from that in PRMMP. If unforeseen change in monitoring, notice shall be given asap prior to implementation of the change. 3) Ensure that PRS notifies CPM within 24 hours of any incidents of non-compliance and recommends corrective action. 4) For any significant paleontological resource encountered, project owner or PRS shall notify CPM within 24 hours or on the morning of the following business day in case of weekend or holiday event when construction has been halted due to paleo find.	N/A	1) In MCRs; 2) Within 10d of proposed changes in monitoring; 3) within 24 hours; 4) within 24 hours	CH2				Ongoing	**In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM.** ### Any change of monitoring different from the accepted schedule presented in the PRMMP shall be proposed in a letter or email from the PRS and the project owner to the CPM for review and approval prior to the change in monitoring and will be included in the MCR. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.
PAL-6 (Part 1 of 2)	**Constr**	The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	1) A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	curating facility	1) at curation, if find	CH2				Not Started	The project owner shall be responsible to pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation.
PAL-7	**Constr**	The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. **See PAL-7 for PRR requirements.)**	Within 90 days after completion of ground disturbing activities, including landscaping, the project owner shall submit the Paleontological Resources Report under confidential cover to the CPM.	N/A	90d after ground disturbing activities	CH2	8/31/12			In progress	
TSE-1 (Part 2 of 2)	**Constr**	The project owner shall furnish to the Compliance Project Manager (CPM) and to the Chief Building Official (CBO) a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list.	2) The project owner shall provide submittal schedule updates in the Monthly Compliance Report.	CBO	2) in MCRs	TID				Ongoing	

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TSE-2 (Part 2 of 2)	**Constr**	Project owner shall assign an electrical engineer and at least one of each of the following to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports. **See TSE-2 for additional information and electrical engineer duties.**	2) If any of the designated responsible engineers are reassigned or replaced, within five days submit the name, qualifications and registration number of the newly assigned engineer to CBO for review and approval.	CBO	2) within 5 days if replaced or reassigned	TID				Not Started	The engineer assigned in conformance with Facility Design condition GEN-5, may be responsible for design and review of the TSE facilities. ### Business and Professions Code, sections 6704 et seq. require state registration to practice as a civil engineer or structural engineer in California. ### Engineer shall be authorized to halt earthwork and to require changes if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations. ### The tasks performed by an electrical, civil, geotechnical or design engineer may be divided between two or more engineers, as long as a single engineer is responsible for each segment of the project (electrical, civil, geotechnical, and design).
TSE-3	**Constr**	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action (pursuant to 2001 California Building Code, chapter 1, section 108.4; chapter 17, section 1701.3; appendix chapter 33, section 3317.7).	1) The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition of certification. 2) Submit a copy of the final CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	CBO	1) if occurs; 2) If occurs	TID				Not Started	
TSE-4	**Constr**	For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO. **These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction.** The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	1) At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS. 2) Report the following activities in the MCR: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	CBO	1) 30d prior start of each increment; 2) in MCRs	TID				In progress	
TSE-5	**Constr**	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS. **See TSE-5 for complete list of line requirements and the verification section for a list of submittals required.**	1) Letters from PG&E, MID and WAPA as per TSE-5, verification #4. 2) At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO), the project owner shall submit to the CBO for approval items #1 through #4 listed in the verification section of Condition TSE-5. 3) At least 60 days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM of any impending changes that may not conform to the facilities described in this condition, and shall request approval to implement such changes.	CBO	1) TBD 2) and 3) 60d prior construction of transmission facility;	TID				Ongoing	A request for minor changes to the facilities described in this condition may be allowed if the project owner informs the CBO and CPM and receives approval for the proposed change. A detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change shall accompany the request. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and the CPM.
TSE-6	**Constr**	The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM- and CBO-approved changes thereto, to ensure conformance with the LORS listed in TSE-6.	1) In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken. 2) Within 60 days after first synchronization of the project, the project owner shall transmit to the CBO the items outlined in the verification section of TSE-6. **See TSE-6 for required documents.**	CBO	1) Within 10d of discovering non-conform. 2) Within 60d after 1st synch	TID				Not Started	

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COM-1	**All**	Unrestricted Access--The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on site for the purpose of conducting audits, surveys, inspections, and general site visits.	No submittal required	N/A	N/A	TID				Ongoing	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.
COM-2	**All**	Compliance Record--The project owner shall maintain project files on site or at an alternative site approved by the CPM. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	No submittal required	N/A	N/A	Susan				Ongoing	Maintain project files for the life of the project unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, documents submitted for verification for conditions, and other project-related documents.
COM-3	**All**	Compliance Verification Submittals: The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent. The verification procedures, unlike the conditions, may be modified as necessary by the CPM. **See COMPLIANCE-3 for compliance verification, cover letter requirements, and compliance submittal address.**	Hard copies are to be submitted to address listed in COM-3, and those submittals shall be accompanied by a searchable electronic copy, on CD or by e-mail, as agreed upon by the CPM.	N/A	As required	CH2/ Susan				Ongoing	Verification lead times associated with the start of construction may require submittals during the certification process, particularly if construction is planned to commence shortly after certification. (Per COMPLIANCE-4, the submittal of compliance documents prior project certification is at the owner's own risk. Any approval by Energy Commission staff is subject to change, based upon the Commission Decision.) If project owner desires Energy Commission staff action by a specific date, request it in the cover letter, and provide a detailed explanation of the effects on the project if the date is not met.
COM-5	**Constr**	Compliance Matrix--**See COMPLIANCE-5 for matrix requirements.**	The project owner shall submit a compliance matrix (in spreadsheet format) with each monthly and annual compliance report which includes the current status of all compliance conditions of certification.	N/A	In MCRs during construction and in ACRs during operation	Susan				Ongoing	**Satisfied conditions shall be placed at the end of the matrix.**
COM-6	**Constr**	Monthly Compliance Report (MCR) including Key Events List--During construction, the project owner shall submit MCRs which include specific information**.--See COMPLIANCE-6 for complete list of MCR requirements.**	The first MCR is due one month following the Energy Commission business meeting date on which the project was approved, unless otherwise agreed to by the CPM. The first MCR shall include the AFC number and an initial list of dates for each of the events identified on the Key Events List (found at end of General Conditions). All sections, exhibits, or addendums shall be separated by tabbed dividers or as acceptable by CPM.	N/A	1st MCR due 1 month following project approval & within 10d after end of reporting period thereafter	Susan	MCR due the 10th of each month			Ongoing	During pre-construction and construction of the project, **submit an original and an electronic searchable version** of the MCR within 10 working days after the end of the reporting period.

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COM-8	**All**	Confidential Information	Any information the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with a request for confidentiality.	N/A	if required	TID				Not Started	Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501, et. seq.
COM-9	**All**	Annual Energy Facility Compliance Fee: The project owner is required to pay an annual compliance fee, which is adjusted annually. Current compliance fee information is available on the Energy Commission's website or from the CPM. **See COMPLIANCE-9 for payment instructions**.	1) The initial payment is due on the date the Energy Commission adopts the final decision. 2) All subsequent payments are due by July 1 of each year the facility retains its certification.	N/A	1) When commission decision adopted. 2) July 1st of each year		July Each Year			In progress	**First payment made on 12/15/10.**
COM-10 (Part 2 of 2)	**All**	Reporting of Complaints, Notices and Citations	2) Provide copies to CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the **NOISE** conditions of certification. All other complaints shall be recorded on the complaint form (Attachment A).	N/A	within 10d of receipt	TID		5/20/11		Submitted	**PG&E letter with phone number submitted on 5/20/11.**
COM-12 (part 1 of 2)	**Constr**	Unplanned Temporary Facility Closure/On-site Contingency Plan: **See COMPLIANCE-12 for specific plan requirements.**	1) The project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation (or other time agreed to by the CPM).	N/A	1) 60d prior commercial operation	TID	6/1/12			In progress	The approved plan must be in place prior to commercial operation and shall be kept on site at all times.
COM-13	**Constr**	Unplanned Permanent Facility Closure/On-site Contingency Plan: **See COMPLIANCE-13 for specific plan requirements.**	1) The project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation (or other time agreed to by the CPM).	N/A	1) 60d prior commercial operation	TID	6/1/12			In progress	The approved plan must be in place prior to commercial operation and shall be kept on site at all times.
COM-14	**All**	Post-Certification changes to the Decision: Amendments, Ownership Changes, Staff Approved Project Modifications and Verification Changes--**See COMPLIANCE-14 for important detailed information about amendments, change of ownership, project modifications, and verification changes, including information on how each must be handled and how each are processed.**	A petition is required for amendments and for staff approved project modifications as specified in Condition COMPLIANCE-14. For verification changes, a letter from the project owner is sufficient.	N/A	If post-certification changes	TID				Not Started	Project Owner must petition the CEC in order to delete or change a condition of certification, modify the project (including linear facilities) design, operation or performance requirements, and/or to transfer ownership or operational control of the facility. It is the responsibility of the project owner to contact the CPM to determine if a proposed change should be considered a project modification. Implementation of a project modification without first securing Energy Commission, or Energy Commission staff approval, may result in enforcement action that could result in civil penalties.